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19. KEY WORDS (Continue on reverse side if necessary and							
Meteorological data gathered for Missile Number 0007, Round Number	the launching o						

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INTRODUCTION

20403A Assault Breaker, Missile Number 0007, Round Number M6G5, was launched from LC-33, White Sands Missile Range (WSMR), New Mexico, at 0926 MDT, 08 May 1982. The scheduled launch time was 0900 MDT.

DISCUSSION

Meteorological data were recorded and reduced by the White Sands Meteorological Team, Atmospheric Sciences Laboratory (ASL), White Sands Missile Range, New Mexico. The data were obtained by the following methods:

1. Observations



a. Surface

- (1) Standard surface observations to include pressure, temperature (°C), relative humidity, dew point (°C), density (gm/m^3) , wind direction and speed, and cloud cover were made at the LC-33 and Jallen Met Sites.
- (2) Anemometer data were provided from existing pole-mounted and tower-mounted anemometers at LC-33. Monitor of wind speed and direction from one anemometer was also provided in the launch control room.

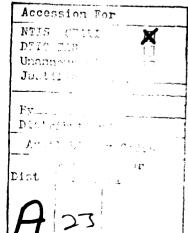
b. Upper Air

(1) Low level wind data were obtained form pilot-balloon obser- vations at:

SITE	TIME	ALTITUDE
LC-33 LC-33 Jallen	0920 MDT 0926 MDT 0840 MDT	2760 meters 2760 meters 2700 meters
Jallen	0925 MDT	2400 meters

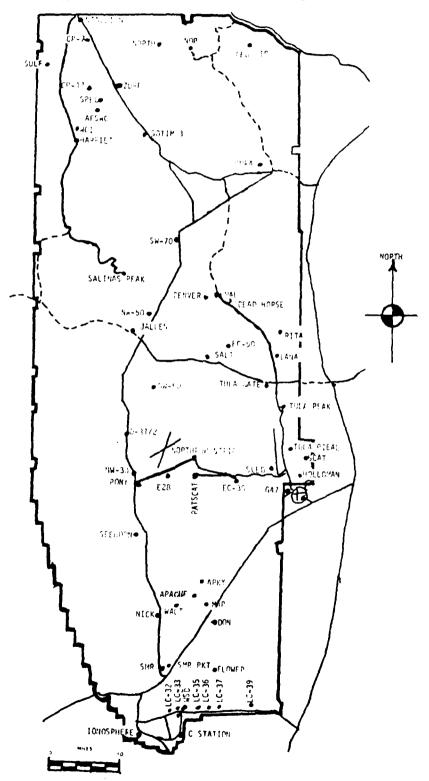
(2) Air structure data (rawinsonde) were collected at the following Met Sites.

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WSMR METEOROLOGICAL SITES



				
			NORTH	
		LC-33 launch Area	<u>,</u>	
			WEST -	
			1 inch = 250 ft	•
			1 inch = 250 ft	
arani a distributudha aran a astuura eten varan et	Y106,550			
•				•
))	! !		
-			4	
			Anemometer Pole #3	
•			}	
MET	Y186,000	L-579A & C	Anemometer Pole #2	
Tow	er O 7-9 Radar			
		L-951A D =	U L-350A	
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		3	ANE OF FIRE	
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	Î	Î		
	Y185,000		L-600 Å	
	•			

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THORE	-						CIATION LC-33 E & A	33 E & A		
DATE 08	May	82					v= 484,982.64 (= 185,957.73 H= 3983.00	'= 185,9!	57.73	.= 3983.00
T 0 31	FRES 3 U.S.	10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (::	75 POINT 00 00	3.1 LC 1.3 P		7177 C1164 degs In	SPCE CON	St. M. ACTOR	0 0 0 10 %
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CI OUBS	2nd LAYER	AMT TYPE HST		
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PSYCHPO'ETRIC COMPUTATION

11.5	0926
DRY SULB TELP.	19.0
Ver Sold Term	8.0
LET EULB DEFR.	11.0
11164 M30	-4.2
SELATIVE HUMID.	20

TABLE 2 LC-33 FIXED POLE ANEMOMETER MEASURED WINDS

POLE #1 X485,87 Y185,958 H4018.7 38.7 ft	8.90 4		X485,87 Y186.01 H4033.5	POLE #2 X485,874.29 Y186.012.00 H4033.57 53.0 ft. AGL		POLE #3 X485,877.29 Y186,116.06 H4063.92 83.6 ft. AGL		
T-TIME SEC	DIR DEG	SPEED KNOTS	T-TIME SEC	DIR DEG	SPEED KNOTS	T-TIME SEC	DIR DEG	SPEED KNOTS
T -30		CALM	Т -30		CALM	T -30		CALM
T -20		CALM	Т -20		CALM	Т -20		CALM
T-10		CALM	T -10	<u> </u>	CALM	T -10	195	01
т0.0		CALM	т 0.0		CALM	т 0.0	195	02
T +10		CALM	T +10	ļ	CALM	T +10		CALM

TABLE_3	_LC-33	${\tt METEOROLOGICAL}$	TOWER	${\tt ANEMOMETER}$	MEASURED WINDS	(202 FT	TOWER)
---------	--------	------------------------	-------	--------------------	----------------	---------	--------

LEVEL #1, 12 X484,982.64		3, H3983.00 (base)	LEVEL #2, 62 X484,982.64		3, H3983.00 (base)
T-TIME SEC	DIR DEG	SPEED KNOTS	T-TIME SEC	DIR DEG	SPEED KNOTS
T -30		CALM	T -30		CALM
T -20		CALM	T -20		CALM
T- 10	276	01	T -10		CALM
T 0.0	276	02	T 0.0		CALM
T +10	257	02	T +10		CALM

LEVEL #3, 10 X484,982.64		3, H3983.00 (base)	LEVEL #4, 20 X484,982.64		3, H3983.00 (base)
T-TIME SEC	DIR DEG	SPEED KNOTS	T-TIME SEC	DIR DEG	SPEED KNOTS
T -30		CALM	т -30	161	02
Ţ-20		CALM	T -20		CALM
T-10		CALM	T -10	156	04
T 0.0		CALM	T 0.0	156	04
<u>T +10</u>	<u> </u>	CALM	T +10	156	02

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THE T	-					- '	Jallen Jallen	allen		
80 31v0	May	82					= 450,362.08		·= 464,129.26 F= 4053.51	4053.51
H 31 4	: WESSUPE		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30 11:0			10177777 10177777	Spring (13 S 7 X	
0840	877.4	17.6		-2.2	26	1047	030	04		40
0060	877.5	19.0		-2.5	23	1043	020	02		40
0925	877.7	20.6		-2.7	21	1037	110	03		40

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	3	cs	cs 25,000							
	က	cs	cs 25,000							
	m		cs 25,000							

0925	20.6	0.6	11.6	-2.7	21
0060	19.0	8.4	10.6 11.6	-2.5 -2.7	23
0840	17.6	7.9	9.7	-2.2	97
:1,.[:	PPY SULB TEMP.	WET BULB TEMP.	LET SILB DEPR.	DEG POINT	off attive state.

May 82	TABLE 4	4 Cont'd						- '	CIVILON	Jallen		
#17.7 21.0 -5.5 16 1036 000 00 000	DATE 08	May	82	ŀ					450,362,0	08 Y= 4	64,129.26	*= 4053.51
77.7 21.0 -5.5 16 1036 000 00	# 9 11	PRESSURE 1.0.5	13 G	1	ii c	11.0 0 0	100 TH 100 TH		DIECTION degs In	1 1	61.6 7.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8	VISIE:1-
23 pri pre 1 23 pri pre 2 23 pr	0955	877.7		21.0		-5.5		1036	000	00		40
23.01 048 23.01 03.01												
13.01 3.01 2.01 0.00 0.00 0.00 0.00 0.00 0.00 0												
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	ري در در	٠,	3 CS 25,000	
	1-16.STRUCTIONS	A_17131811 02		

7176: 0955

CPY SULD TETP. 21.0

ACT SULD TETP. 8.5

CC. POTIT -5.5

PERTITE HOUSE. 16

PIEUT BALLUUN MEASUKED WIND DATA

TABLE	5	-							
RELEASED	FROM LC-3	3		_UATE_	08 May	1982		TIME 0920	MDT
	coor	CATANIC	(WSIM)	X = _	486,872.00	Y=_	184,146.79	il= 39	81.15
HEIGHTS	ARE METERS	AGL_X	OR FEET	AGL	·				
HEIGHT	DIRECTION		HETO		DIRECTION	SPEED	HEIGHT	,	SPEED
AGL	DEGREES	KNOTS	AGL		DEGREES	KNOTS	AGL	DEGREES	KNOTS
Sfc	115	CALM	180		222	19		 	
60	115	02	186		219	15		 	
120	143	04	192		233	19	<u> </u>	 	
180	MISG	MISG	198		217	20			
240	MISG	MISG	204	0	222	18			
300	MISG	MISG	210	0	220	18		<u> </u>	
360	MISG	MISG	216	0	232	18		 -	
420	MISG	MISG	222	0	232	18			_
480	179	16	228	0	238	19			
540	193	16	234	0	223	22			
600	195	14	240	0	233	20			
660	203	16	246	0	241	18			
720	194	14	252	0	238	18			
780	179	15	258	0	248	17			
840	198	14	264	0	231	21			
900	174	16	270	0	241	22			
960	195	10	276	0	241	19		 	
1020	188	16			······································				
1080	195	11							
1140	173	11							
1200	197	14			······································				
1260	198	15				- 		+	
1320	199	16							
1380	206	15				 	··	 	
1440	208	20				+		+	
·	217	17				 			
1500		 	J					-	
1560	219	14						- 	
1620	213	19				-			
1680	211	17	 			 		 	
1740	225	15	1	1		1	I	ſ	i

ATAU DHIW CHRUSABM NOCLARE TOURS

PELEASED FROM	LC-33	0	ATE 08 Mag	y 1982		TIME 0926 M	DT
	COORDINATES	(WSIM)	χ 486,872.00	Y =	184,146.75	√ = 398 <u>1</u>	.15
	METERS AGE X _0						
HEIGHT DIRE	CTION SPEED RELS FREES	- 1 HETCH - 1 HM	T ITRECTION DEGLET	SPEED FIGURE	HEIGHT I AGU	DIPECTION DEGREE	ioness Exist
Sfc	, CALM	1800		17			•
60 029	02	1860	219	17	,		• • • • •
120 MISC	MISG	1920	219	18			1
180 145	07	1980	221	17			*
240 153	09	2040	217	18			
300 155	: 12	2100	. 219	18			:
360 MISC		2160	219	17	! !		1
420 183	16	2220	229	17			
480 178	16	2280	222	18			
540 191	15	2340	233	16	ļ · ·		† :
500 183	17	2400	238	17			·
660 181	15	2460	237	18			;
720 193	15	2520	234	19			
780 180	16	2580	238	18			
340 186	14	2640	236	18			<u> </u>
900 173	15	2700	236	19			} -
960 197	13	2760	236	19			† - -
1020 192	16						<u> </u>
1080 190	13						
1140 193	12						
1200 193	12						
1260 204	12						
1320 199	15						
1380 203	15						<u> </u>
1440 207	16						
1500 204	15						
1560 214	16						
1620 220	17						
1680 216	19			1			<u> </u>
1740 226	16			 			 -

RELEASED	FROM Jall	en	nate	08 May	1982		TIME ORAO MI)T
CLLNJLD								
	· COOF	(DINATES (=). (M1CW,	450,491.60	Y=_	464,023.05	H= 4,05	3.00
	ARE METERS							
HEIGHT AGL	DIRECTION DEGREES	SPEED KHOTS	HEIGHT AGL	DIRECTION DEGREES	SPEED KNOTS	HEIGHT AGL	DIRECTION DEGREES	SPEED KNOTS
SFC	050	02	1800	226	17			
60	053	02	1860	226	17			
120	055	03	1920	225	18			
180	056	03	1980	224	19			
240	057	03	2040	223	20			
300	058	04	2100	222	21			
360	059	04	2160	222	22			
420	065	02	2220	222	23		۲	
480	099	01	2280	222	23			
540	205	01	2340	222	24			
600	220	03	2400	222	24			
660	224	04	2460	224	24			
720	225	06	2520	226	23			
780	225	08	2580	227	23			
840	225	09	2640	229	23			
900	226	11	2700	232	23			
960	226	13			1			
1020	225	13						
1080	225	14						
1140	225	15		<u> </u>				
1200	224	16						
1260	224	16						
1320	224	17			1			
1380	225	16		<u> </u>	-		<u> </u>	
1440	226	16		 	-			
1500	226	16		 	 			
1560	227	16		 				
1620	227	16		1				
1680	227	16		-	 			
1740	226	17		 	 			

FILOT BALLCON MEASURED WIND DATA

TABLE		Jallen	5 410	08 Ma v	1982		TIME 0925 M	DT
a utasi b		CUDADINATES (
		C 1 (11.2/1.1/1.1/1.1/1.1/1.1/1.1/1.1/1.1/1.1	1311.7 A					
FIE LOHTS	ARE MET	ERS AGL X OR	FEET AGL_	ran i sissans mis				
HELOHT Pal	DIRECT	Total SPECOT	HET OHT	DIRECTION DEGREES	SPEED	HEIGHT AGL	DE GREES	rjerter Existi
Sfc	110	02		216				1
60	122	02	[216	i			
120	122	02	1920	217	19		!	1
180	122	02	1980	218	20			
240	122	03	2040	219	21			
300	122	04	2100	220	22			
360	124	04	2160	221	23		i	
420	132	04	2220	222	23		:	1
480	140	05	2280	223	23		i	
540	147	05	2340	224	23			
600	153	05	2400	225	24			
660	158	06						1
720	166	06						
780	174	06						
840	182	07						†-
900	188	07						
960	193	08						
1020	198	09						
1080	203	10						
1140	207	10						
1200	211	11						
1260	214	12						
1320	215	13						-
1 380	215	13						
1440	216	14						
1500	216	14			1			
1560	216	14						
1620	216	15		 	+			
1680	216	16					 	
	<u> </u>						 	

TABLE 9

AIMING COMPUTER MET MESSAGES 08 May 1982

Jallen 0630 MDT	Holloman	0630 MDT
METCM1332065	METCM1329	061
081250124876	081250124	873
00622003 27610876	00142004	27790873
01361011 28630866	01352007	28960863
02633008 28910841	02366010	29070838
03404009 28870802	03392009	28500799
04440010 28320756	04435009	28470753
05466014 28170711	05465014	-28230709
06448020 27540669	06461020	27620667
07445021 27080629	07453022	26880626
08446018 26450590	08444025	26880588
09442019 26120553	09438032	26340552
10457024 26120518	10448030	25870517
11432029 25350485	11443032	25270483
12430034 25020438	12429035	25090437
13444033 24100381	13452034	24110380

SIGNIFICAMI LEVEL DATA	TABLE 10
STATION ALITIUDE "120.59 PELL MSL	8 1187 62 0630 MDT ASCLISSION 130 133

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466-110M.	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
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IENPE AIR URGKELS	11111111111111111111111111111111111111
GEOMETHIC ALTITUDE FASE FEET	4126.6 4274.0 4426.0 5246.0 5246.6 5226.7 12100.3 12200.3 12200.4 12200.3 12200.4 12200.3 12200.4 12200.3 12200.3 12200.3 12200.6 12200.3
PPESSURE	8 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8

oLUDLIIC COGNUINATES 32.00805 LAT DEG 106.09905 LUN DEG

SIGNIFICANT LEVEL UALA
1289019155
HIPLOMATO CONT'd

STALLON ALLITUDE 4120-59 FEEL MSE R MAY NE 0630 MDT ASCENSION 110. 133

16.4PYRATORE A)R DEWPOLMI DEGRELS CENTIONADE

PINESSURE GFONETAIC ALTITUDE MILLIHAMS MSL FELT

-44.8 -44.3 -43.3 -39.3 27.2 u0926.9 20.0 87679.6 13.8 95927.5 10.0 103178.9 9.2 105069.9

KEL...UM. PERCENT

of COLTIC COUNTIANTS 32.00805 EAF OLG 100.09905 EUA OLG
Up Pr P. A Lic Dail A Legulauros HOLLOMAN
STATION ALITIUL "126.59 FELT MSL 8 MAY 62 0630 MDT ASCENSION 110. 133

INLEA OF REFRACTION	1.000259	1 • 000255	1.000240	1.000244		1.1000236	1.000253	1.000229	1. 100225	1.000262	1.000218	1.000215	1.000211	1.000293	1.000204	1.000001	1.009198		1.1001.1	1.600108	1.000185	1.000102	1.000179	1.000170	1.0001/3	1.000108	1.000104	1.000161	1.000158	1.000155	1.000153	1.000150	1.000148	1.000145	1.060143	1.000140	1.0001 48	1.000135	1 - (0.001.5.3	1.000150
JA SPELD KHOTS	4.1	2.2	. H	8.3	10.7	9.6	۲۰۰	8.2	1.0	3.7	11.2	12.7	10.4	16.2	18.0	19.0	5.0.2	21.3	<1.0	22.0	22.6	0.45	7.02	9.85	31.5	32.5	33.3	32.1	51.2	31.5	31.2	31.0	30.9	51.2	32 1	33.0	55.3	36.08	37.0	36.8
LIND DATE LINE LIDA DECRESSINA N	9. ft0	123.6	197.4	411.6	2.10.5	J. 10.	4.622	4.162	Z41.0	6.64%	3.00	٥٠٢,٧٥	7.102	6.10.7	C+002	2.6.6.2	1.103	ن• به در	4,000,0	1.34 • 1	0.75.7	7.11,7	4.0.4.7	J • / 5.7	K+C+,7	1.001/2	1.1.5	0.00	0.36.2	0.767	1.143	7.000	61/17	2.4.3	9 • Y • J	1.6.7	0.000	0.657	3.00	2.60°3
SPEED OF JUNEAN NACES	7.640	t.ogo	_	6.447	0.400	0.709		4.600	6.750	4.000	4.40	6.560	U.\1.4	4.0GO	0.650	0.1 4.4	6.40.3	1.440,7	6.240	7.141			0.000	2.400	4,32.4		_		4-179	8-039	0.4.70	0.00	0<1.0	0.00	2.6.1.3	0.010	1.11.1.	0100	•	•
DEUSITI JAZCUBIC BETER	1090+5	1620.9	1011.0	7.006	4.626	7.096	950.U	1.046	4126	914.0	904.	4-06a	870.4	860.1	850.t	C.41.	829.1	817.5	800.5	705.1	784.5	77.54	166.0	754.4	741.0	2.60	710.0	707	4.1 ₀ 0	0.080	675.0	U.#94	1.50	1.47.1	t.3c.u	6.7.2a	012.	604	50°C	4.093
REL. HIM. PERCENT	36.0	27.5	25.0	75.0	25.3	56.4	27.4	28.4	4.62	30.5	31.5	32.5	53.5	34.6	35.6	36.6	37.6	38.9	t; • 0 t;	41.9	43.4	6.44	46.4	47.9	46.4	30.0	70.4	25.7	25.1	24.5	0.45	23.8	23.7	23.0	4.2.4	23.3	23.1	23•0	75.0	72.13
IENPERATURE N DENPOTAT EES CENTIGRADE	-9.5	-•7	-2.6	-3.2	-3.2	-3∙8	to 0 10 1	1.5-	-5.7	+. -3-	-7-1	-7∙8	۰ ۰ ۳-	5.6.	0.0-	-10.6	-11.	-12.0	-12.9	-13.7	-14.6	-15.th	-16.3	-17.5	-19.0	-22.5	-55.7	-54.5	-20•0	6.05-	3.65	-53-1	-34.1	-35.0	-30.0	6.90-	-37.3	-35.	4.66-	-60.03
IENPI AIN DEGMESS (4.2	18.4	17.6	17.0	16.7	15.4	14.1	12.3	11.5	10.2	4•9	J. 6	6.3	2•1	3.9	8•3	1. 6	۴.	-1.2	-2•6	-4-1	-5.5	-7-0	10:01 11:01	1.63-	*·0-	-11.5	-12.6	-15.9	-15.2	†• 01-	-17.4	-18.5	-16·2	2.0.	-71∙5	-22.tb	-23.6	2,5,5	-24.B
PRESSURE MILLIUMRS [87,303	9.108	840.4	931.4	810.6	6.108	78/04	175.2	759.2	7.40.47	736.9	718.8	70.0-8	6•760	0.000	1,•/99	655.9	042.6	630.3	610.3	600.5	59**6	383.5	4-7/5	p•10c	1,000	353.65	9.486	5.01c	2000	1-86+	φ•οη ₀	473.1	11.89#	450.9	9.6.44	0.024	431.5	78	413.9
CEUMLTRIC ALITIUL MSL FELT	4126.0	4500.0	0.00c	5500.0	J•000a	020US0	7000-0	7500.0	ອ•ຕາກຄຸ	0.0000	9000	9500.0	10000	10500	11000.0	11500.	12000.0	1<5000.0	15000.0	13500.0	14000.0	14500.0	15000.0	15560.0	10000.0	0.00001	U-000/T	J.00c/1	18000	จ•00581	13000.6	19500.C	20000-0	0.00000	21000.0	2.5061.	0.00022	7.500.5	J.00007	7,2500.0

ASCENSION NO.	ASCENSION 110. 135	0630 MDT			TABLE 11 Cont'd	Cont'd		,32. 106.	<i>5</i> 2.00805 LAI DEG 106.09965 LON DEG
GEORETRIC PRESSURE TE, JEGATURE ALITTUGE AIN UEWPOINT MSE FEET MILLIDARS DEGREES CENTICKADE	RESSURE LLIDARS	FE, HY AIK DEGREES C	fracalore ain dewpoint grees centionade	REL.HUM. PERCENT	REL.HUM. (FRISITY STEED OF PERCENT GM/CURIC SCUND METER NIGTS	Sricko of Scorio NicotS	LINC DATA LITRE TOWN SPIED LESTELS (14) ANOTS	JA JPLED AHOTS	INJLX OF MEFRACTION

INCLX	MEFRAL TION	1.000128	1.000126	1.000124	1.000122	1.000120	1.000118	1.000116	1.000114	1.000112	1.000110	1.000108	1.000100	1.000104	1.000102	1.000100	1.000098	1.000097	1.600095	1.00003	1.000092	1.000090	1.000009	1.000087	1.000005	1.000064	1.0000002	1.000081	1.0000/9	1.000078	1.000076	1.000075	1.000074	1.000072	1.000070	1.0000003	1.00000.7	1.000006	1.000004	1 • 000002	1.000001
14 JPLED	61013	35.3	54.1	33.4	52.9	32.4	31.9	31.6	32.4	33.1	55.7	33.4	51.8	30.6	30.5	30.3	51.2	31.6	51.7	32.1	32.5	33.0	33.5	34.2	35.5	37.6	38.1	57.7	36.4	34.8	33.8	32.9	34.1	35.8	40.5	45.7	50.3	24.7	58.1	60.5	01.5
LINE DATA	ULGKELS (14)	2.6.47	252.0	7.00.2	4.74.2	V./C.	2.00	7,77	0.107	1.102	4.662	4.007	6.000	٧٠٠٠٦	7.0.0	1.000	0.000	0.40	0.407	# * 10,7	7.447	2.042	50/02	72000	C+CC2	C+CC2	4.107	4.6.47	/•/57	740.7	7.04,7	7.1.7	5,00,7	V.0.7.1	0 • 6 • 5	7.66.7	J. 4. 1. 2	0.65	74247	0.4 4.2	ガ・ハカブ
Sector OF Section	NIOTS	012.8	611.5	0.10.0	c.000	0.200	c • c 0 o	6.500	4.700	6.00°	4.660	6.160	3,40.5	595.5	394.5	4.560	291.4	0.069	7.000	1.7.25	580.5	ひ・つひつ	585.0	5-086	579.3	577.0	570.3	574.0	273.5	571.8	570.3	50000	20/00	3000	0.000	20400	564.0	1.000	545.55	0.400	1.44.7
ن 4 ح	Mc TER	570.7	561.2	551.9	542.0	¥•0£G	525.1	510.5	508.0	1.664	491.0	480.0	475.5	460.4	457.7	7.77	441.5	435.6	420.3	419.0	411.7	0.404	397.7	390.0	383.5	370.4	369.4	364.0	355.9	34.3.5	340.4	33000	530.4	323.6	310.0	310.3	302.4	294.5	2,40°5	7.082	274.
REL.HUM. PERCENT		22.0	22.1	22.5	5.00	23.3	23.7	24.1	24.5	24.9	25.3	25.7	23.74	15.5+*	7.344																										
FELITERATURE AIK DEMPOINT	CENTICKADE	-41.1	0.24-	-42.8	-43.7	9.174-	145.5	++6.4	-47.3	-48.2	-40.1	0.04-	7-16-	-55.9	+-2n_																										
re, u Alk	DEGREES	-25.8	მ•ი2_	J•95_	755.5	-30.4	-31.6	-32.8	-34.0	-35.2	-30.4	-37.6	-38.7	-39.5	-40.3	-41.1	4.24	-43.6	8.44-	0.0%_	-4.7.3	-48.5	10.3.7	6.06-	1.2.1	-53.2	2++3-	-55.5	- 50.0	-57.5	6.86.	10.0.0	-6.1.1	-(.1.7	-6.2.1	16304	-65.1	-62.B	762.4	-£,3·n	-63.5
PRESSURE	HILLIDARS	400+3	390.9	380•4	386.1	372.6	304.1	350.3	340.7	341.3	334.0	320.9	313.9	314.8	300.0	233.5	292.5	265.9	273.4	275.1	261.3	260.9	250+1	243.3	24.5+1	231.0	232.0	550.6	251.2	210.0	510.9	203.9	201.1	190.5	191.5	180.8	183	171.04	170.5	16.7.5	160.5
GEOTIE TRICALITUDE	MSL FELT	Ū*000 ₁ ,¬	6.004%	2,0004,2	0.00002	0.00002	20200-0	<7000·0	6.00672	<0000₽≥	\$4500.p	€-0006>	0.000%2	2.00000	0.00400	0.00010	€1500•0	0.00020	2<560.0	33000.0	33500.0	0.000140	34500.0	35000.0	35500.0	0.660ac	0.00500	0.0007	a.20c, c	0.000bc	აცე00 - ა	39000•0	0.00000	?•0000+	0.00004	41000.6	41500.0	0.00024	9.00czk	4,5009.0	4.3500.0

AT LEAST ONE ASSUMED RELECTIVE HULLETIY VALUE WAS USED IN THE TRILESPOLATION.

H PER ALL OLIN	128091955	110LLVMA11	TABLE 11 Cont'd
	STATION ALTHOUGH "126-19 FELT MSL	B HAY BZ U53U MDI	ASCERSION 110. 153

SEUDLIIC COURDINALES 32-babb's LAT CEG Tub-09965 LON DEG

23		•00000	• u0000a	100000	.00000	+000000	.000055	160000	00000 •	848000.	. 1000047	.000046	3,0000	4400	. 400000	-0000	.000041	01,00	.00000	•0000	.000037	.000036	460000	- conno	400000	.000033	.000032	. 11010032	.300051	.00000	620000.	• 00000·	.00000	.000067	• 00000c	. 00 mucs	2,0000	# VOICE:	200	
INDEX OF XCFRACTION	-	100.1	1.50	1.00	1.00	1.00	1.00	1.000	1.001	1.00	1.00	1.00	1.00	1.000044	1.00	1.001	1.000	1.0000040	1.00.	1.001	1.000	1.000	1.00	1.00	1.000	1.00	1.00	1000	1.00	1.00(1.00	1.00	1.000	1.00	1.00	1.00	100.1	1.00	1.00000	
In JPEEU NKOTS		000	39.6	58.3	57.7	57.9	58.0	58.1	57.5	56.1	54.2	51.6	2.61	46.9	45.1	43.6	42.7	42.3	6.04	36.4	35.5	31.1	27.1	25.0	23.0	21.8	20.7	20.5	20.0	6.02	23.2	24.5	4.U2	16.8	15.0	17.5	16.5	761	17.6	
LINCONTACTORY	, very training		/•/-	0.647	0.000	7.002	4.047	6.00,2	4.14.	6.003	4.047	4.042	7.77	0.10,7	2.002	2.00°2	C.1C2	د.رد' ∠	4,00,7	2019∙5	40707	4.202	<0.00≥	4.503	,.,,,	201.0	7.007	501.0	7.00,7	60/03	0.012	270.0	j.002	7.002	C+0.77	1.000	13554	6.761	197.4	
JEEE OF JUNIO REOLES	4 - 11 - 1	1.100	1.04.1	560.0	5000	564.4	20407	1.000	5000	50.8.1	503.0	570.0	4.600	5000	0.000	50.7.3	1.000	550.0	5.505	565.5	560.5	560.6	50000	565.1	5.000	204.7	1.4.00	563.0	1.500	562.5	502.0	4.500	1.000	50000	5000	5.076	2.699	1.000	0.790	
DEGSTTA GM/CUBAC METER	267.1.	0.103	260.7	254.1	247.1	242.0	230.5	230.1	223.0	210.0	210.5	202.2	7.002	19 ₀ 0	192.1	187.9	183.6	17%0	17,1.9	171.0	160.0	166.0	150.9	155.3	151.0	140.4	145.1	141.0	136.0	135.5	132.4	120.0	154.1	121.0	117.4	115.0	111.5	109.	107.01	
REL.HUM. PERCEUT																																								
LEMPERATURE ALK DEMPOINT GREES CENTIGRADE																																								
LENI AIR DEGREES	1, 1, 1,		-63•0	-62.8	1.2.7	-63.2	-63.0	-62.7	-61.9	-60.5	-59.5	-:,9.1	9-69-	-60-1	-60.6	-61.1	-61.6	-62.1	-62.6	-62.6	-61.7	-61.5	-61.9	-62.3	-62.7	-63.1	-63.5	-63.9	-64.2	9.49-	165.0	0.49-	-6.2.7	-61.5	2.0.7	6•8G-	1.65-	5.09-	-61.3	
PRESSURE AILLIOARS	[14]		15/05	155.4	143.7	140.0	142.5	134.2	130.6	132.4	129.2	1,46.1	123.1	120.1	11/•2	114.4	111.6	100.9	100.3	103.7	101.2	96.8	90.4	0.46	61.7	89.5	87.3	80.2	1.00	81.1	1.67	71.2	75.3	75.5	711.7	70.0	60.3	1.09	1.00	
GEONETRIC ALITUDE MSL FELT	0.00000		44000.0	4,5000.0	45566.6	400000	40500.0	47000.0	47500.0	48006.0	46500.0	6.00065	9.00SK+	200000	0.0030 c	0.00010	0.00610	22000-3	0.00526	53000.0	53500.4	0.00040	54500.0	55000.3	55500.0	9•0009G	900000	5/002·0	2/200•3	0.000ac	0.00080	0.00063	0.0056c	0.00000	0.00000	01000.0	∿1500•n	0.00020	0.00000	

VEUDLTIC COUNDINATES 32-BORDS LAT DEG 106-09905 LOI DEG	INJEX OF REFRACTION	1.000072	1.000021	1.000021	1.000019	1.000019	1.000018	1.000018	1.000017	1.000010	1.000016	1.00010	1.000015	. 610000.1	1.000014	1.000014	1.000014	1.000013	1.000013	1.000013	1.000012	1.000012	1.000011	1.00001	1101011	1.00001	1.00010	1.000010	1.000010	1.000009	1.000009	1.000009	1.00009	1.000000	******
00000 110 52.0 106.0	14 SPLED MIOTS	16.6	17.0	15.9	7.6	8.2	8.6	2.01	11.5	6.9	7.6	7.2	0 t		7.7	2.8	2.8	8.3	4.2	 	7.1	0.0	5.2	7.2	200	7.17	6.2	5.0	ر. د.	7.4	7.9	10.5	7.00	18.5	•
	"INC DATA "INCLITION OF INCLEDING INCLINITY OF INCINITY OF INCINITY OF INCINITY OF INCINITY OF INCINITY OF INCINITY OF INC	7.162	142.0	740.4	0.607	7.00	1.//-	17.5.6	1/0.4	r•A01	132.1	**C11	7.017	0.401	3.40.7 3.40.7	50507	0.777	2.602	74.0	2.002	0.407	4007	C+042	7.007	1 7	1.70°	7.07	7.55.7 7.55.7	0.200	1.000	4.300		C 1 7	2007	
Cont'd	Sreec OF South Niors	50000 50000	2.700	567.7			573.9	7.7.5			570.1			6.4.0						5,0,0°					V . 67		-		-			5.440		n = 1000	
UI PER AIK UAIA 1280010133 HOLLOMAH TABLE 11 Cont	DENSITY S GMZCUBIC METER	99.0	1.46	92.2	BC . L	84.0	82.0	77.0	75.0	7,5.9	76.5	/ 0 /	5.7.V	2.70	7.49	64.0	609	ن و الر	57.9	30° C		54.1	51.5	າ ອີ	1.6:	0.00	2 2 2	7.42	1.00	0.24	41.0	3 · .) * !	1.60	300	;
5	REL.HUM. PERCENT																																		
4126.59 FEFT MSL 3 0630 MDT	TEMPERATURE ATR DEMPOTAT DEGREES CENTIGRADE	-61.9 -61.6	-41.2	160.8 158.5	#•99-	-56.3	1.00 m	155.9	-54-1	-54.1	154.5	6+16-	155.5 5.45.1	# • C •	-54.5 -54.5	-53.6	-53.1	152.5	カ・25-	1528 • 4	5 - AS-1	-54.2	2-25-2	1.50.	1 - N. C.	75.1.7	n•0,1	-50.0	-49.1	☆・₩ 51	1+8+1	51-24-	4.16-	0./1.	
⁽¹)). 1.3	PRESJURE HILLIDARS	50.5 59.0	5/.6	50°2	50.00	52.3		C. 64	9.14	46.5	# O #	C • +: +	0 • 0 ± =	C • Z •		39.4	30.5	3/•6	30.7	20°08	34.5	33.4	32.5	31.9	7.10	0.00 7.000	23.1	20.4	21.7	٠	20.5	0.03 €.03	20.0	- C - # 70	7.4.7
STATION ALITIUDE R MAY RZ ASCENSION NO. 1	GEUMETRIC ALTITUDE MSL FEET	0.00040	0.00000	0.00000	0.00000	0.00070	0.1560.0	3.000.cc	6.00060	J•00560	0.0000/	7.0509.3	71000.0	d•00c1/	75000.0	75000.0	7.5500.0	74090.0	74500.0	0.0004/	0.0000	70500.0	77009.0	0.00077	1.0000c/	0.00007	0.000%/	000000	00500	::T000::	01509+3	~ • 90 0 Z > >	0.450 0.450	0.5000.5	

	OLUBETIC COCHUINATES	52. Dances LAT DEG	106.09905 t On Sto
UPPLR AIR CAIA	123001015	110LL 051414	TABLE 11 Cont'd
	STATION ALITIDAL #126.59 FLF C ASL	A MAY 62 0630 MDT	ASCENSION NO. 153

### Continues Deficiles Centificable	GEOMETICAL AL LITUME	PRESSURE	LEMPERATURE	REL.HIM. PERCENT	DENSITY CMACURAC	Spector Or	Application Days	A. 1.1.400.	Liable X
22.1	4SL FEET				METEP	K1401S	1, LUKLES (10)	N.1013	KEFRACTION
25.1 - 44.5 26.1	04000.0	22.6	-40.A		36.4		2.01	19.6	1.000000
22.1	0.00045	23.1	-40.5		3.05		5.6	15.1	1.000008
22-1	0.00000	22.b	-40.2		34 • 7		4.010	13.2	1.000008
21.1	0.00445	24.1	0.04-		35.5		0.10%	21.2	1.000008
20.0	de000+0	51.6	-45.7		35.1		4.072	28.5	1.000007
20.6	0.00 €ao	21.1	4:5:4		32.0	-	Ç•00³	31.6	1.000007
1.0.2	0.00070	20.6	165.5		34.0	-	40.00	34.9	1.000007
1.7	0.00676	20.5	6.4%-		30.0		20102	36.4	1.000007
19.3	04000±0	1,1.7	2 - 1, 1, - 1		30+1		0.002	34.9	1.000007
10.6	∂• 00€po		9.64-6		きゃかん		1.00,2	33.3	1.000007
10.00	Ů•0U0A₽		u-14-0		20.1		0.00,7	31.1	1.000000
10.0	⊕•00¢kn		t. • t. †.		26.1		*•00°	26.5	1.000006
17.6	3000pc	10.0	-44+3		27.4		¥•507	22.0	1.000006
17.2	9020A	9•/1	2.44-		3.06		2.6602	17.9	1.000000
10.05	91000.0	17.2	-44•1		30.0	-	21306	16.8	1.000006
10.5	v1500•0	10.01	0.4.4		25.0	-	7.111.7	16.2	1.000000
10.1 743.8 10.1 743.8 10.1 743.8 10.1 743.7 10.1 743.7 10.1 743.7 10.1 743.7 10.1 743.7 10.1 743.6 10.1 743.6 10.1 743.6 10.1 743.6 10.1 743.6 10.1 743.6 10.1 743.6 10.1 743.6 10.2 742.8 10.2 742.8 10.3 741.8 10.4 741.8 11.6 741.9 11.6 741.9 11.6 741.9 11.6 741.9 11.6 741.9 11.7 741.9 11.8 741.9 11.9 741.9 11.9 741.9 11.1 741.9	34000.0	10.5	-43.9		25.0		د٠١١١٠	16.3	1.060006
13.7	9.5500.0	10.1	-45.8		24.5		1.64.7	17.7	1.000005
15.0	93000.0	15.7	-4.5.7		22.5		1.16.7	19.2	1.000005
15.6	93506.0	10.4	-43.6		4.00		0.067	20.7	1.00000
14.7 743.4 14.4 743.5 14.4 743.5 14.4 743.5 14.4 743.5 14.4 743.5 14.5 742.5 14.6 742.5 14.6 742.5 14.6 742.5 14.7 743.5 14.8 742.5 14.9 742.5 14.9 742.5 14.0 742.5 14.0 742.5 14.1 7.4 742.5 14.1 7.4 742.5 14.1 7.4 742.5 14.2 742.5 14.3 740.4 14.5 741.5 14.5 741.5 14.5 742.5 77.4 14.5 741.5 14.5 742.5 77.4 14.5 742.5 77.5 14.5 742.5 77.4 14.5 742.5 77.4 14.5 742.5 77.4 14.5 742.5 77.5 14.6 742.5 14.7 742.5 14.7 742.5 14.7 742.5 14.6 742.5 14.7 742.5 17.6 742.5 17.7 742.5 17.8 742.5 17.9 743.5 17.9 743.5 1	94000.0	15.0	-45.5		22.0		1.762	21.5	1.000005
14.4	24500.0	14.7	4.5.4		24.0		C+603	22.3	1.00000
14.1	9500n.0	14.4	-45+3		21.0		7.09.7	23.2	1.000005
13.8 743.1 13.8 743.1 13.8 743.1 13.9 742.8 13.0 13.9 13.2 742.8 13.2 742.5 13.9 742.5 13.0 13.9 7.0 23.0 27.0 27.1 13.0 740.9 14.5 740.9 14.7	95500.0	1+1	-43.2		21.		7.707	23.5	1.000005
10.5	0.0000	15.13	14.5.1		20•8		2.11.5	23.0	1.000005
13-2	Je200 • C	15	-42.8		20.0		4.012	22.8	1.00000
12.5	0.000/4	15.2	-42.5		٠٠ ١٠٠		0.1/2	25.5	1.000004
14.0	3/206.6	14.9	-112-3		7.KI		ر•:٠/٦	·1·1	1.000004
14.5 -41.5 10.1 17.0 195.0 27.0 17.4 11.3 -41.5 11.0 17.4 17.4 17.4 11.5 -61.0 17.4 17.5 11.5 -61.0 17.4 17.5 11.5 -61.0 17.5 11.5 -61.0 17.5 11.5 -61.0 17.5 11.5 -61.0 17.5 11.5 11.5 -61.0 17.5 11.5 11.5 -61.0 17.5 11.5 11.5 11.5 11.5 11.5 11.5 11.5	380000 F	12.0	0.2h		7.		7.47.27 7.407.	٠٠ ٢٠ ٢٠	1.000004
11.3 -41.2 17.4 17.4 17.4 17.4 11.5 11.3 -41.2 17.4 17.4 17.4 17.5 11.5 -41.0 17.4 17.5 17.4 17.5 11.5 -41.0 17.5 17.4 17.5 11.5 -40.7 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17	9-9006-6	C = >1	(1.01		0.47	1.41	1000001
11.5 ~11.0 11.3 ~10.0 11.5 ~10.0 11.0 ~10.0 11.0 ~10.0 10.0 ~10.0 10.0 ~10.0 10.0 ~10.0 10.0 ~10.0 10.1 ~39.0 10.1 ~39.0 10.1 ~39.0 10.1 ~39.0	995064	11.3	2·16-		17.7		0.007.4	17.4	1.000004
11.3 -10.7 10.9 594.9 274.4 1 11.0 -10.4 10.1 10.5 27.3 1 11.0 -10.4 10.1 10.1 27.3 1 10.5 -79.9 10.7 595.0 1 10.5 -39.7 15.4 595.0 1 10.1 -39.4 14.7 595.0 1 10.1 -39.4 14.7 595.0 1 10.1 -39.4 14.7 10.1 10.2 1	10000C.	11.5	-41.0		17.		4.072	17.6	1.000004
11.0 -40.4 10.0 -40.4 10.0 -40.2 10.1 594.0 10.2 -49.9 10.1 59.7 10.1 59.4 10.1 59.4 10.1 59.4	1005001	11.3	-40.7		, o		74.5	4.22	1.000004
10.6 ~90.0	101000.0	11.0	4.04		10.0		71.5	27.3	1.100004
10.5 -79.9 10.5 -39.7 10.1 -39.0 10.1 -39.0 10.1 -39.0 10.1 -39.0 10.1 -39.0	101506.0	16.5	-40.5		10.		0.666.3	52.3	1.00004
10.5 -39.7 15.4 595.5 1 10.1 -39.9 15.0 595.0 1 9.3 -29.4 14.7 59.0	102000.0	19.5	6.65-		15.	-			1.000004
0.00000000000000000000000000000000000	105201	10.5	-39.7		15.4	-			1.4000053
3+3 49+4	163000.0		1.05-		15.				1.000005
	102500.0		# * to * -		1.4.				1.000003

				U, PLR AIR UAIA	A1.0				
STATION ALTITUDE B MAY OF	.1117Juc. (11)	1126-53 FELT MSL 0630 MDT		1230010155 1,0LLOMMI	,		obode T	JEUDETIC COUNDINATES	
ASCENSION NO. 155	140. 155			TABLE 11 Cont'd	Cont'd		106.	106-09965 LON DEG	
GE UNE TRAIC	GEOWETHIC PRESSURE	TEMPERATURE - REL-HUM. LEUSITY SPEED OF	· REL. Hum.	LEUSITY	SPEED OF	ALMO DALL	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	INCEX	
MSL FEET	HILLIDARS	MSE FEET MILLIDARS DEGREES CONTIGHADE	ADE PENCENT	METER	S1045	ILURESTN STEED	NIOTS	NEFRACTION	
104000.0	Ç.	-39•6		7	14.4 595.4			1.000003	
1.3110+11		\•A%		- -	2.060			1.00003	
102000.0	9.5	6.66-		10.0	0.565			1.00003	

	CALLET LEVELS	
STATION ALITIDE 4120.59 FEET MSL	1,90010105	CHELL COUNTRY IS
8 HAY 82 0630 MDT	COLLOMAI.	Secondos LAT DEG
SCENSION NO. 103	TABLE 12	106•09905 ደባቦ 266

756.0 756.0 700.0	- 1	DEGREES C	DEGREES CLNTIORADE	.	LUCKELS (TN)	STONS CHI
756.0 756.0 700.0	4078.	17.9	4.5-	•47	189.4	9.40
c c c	6571.	15.2	4.5.	ڊ. د د	218.3	* ?
. .	8349.	10.6	7.0.	30.	0.647	4.4
•	10217.	5.7	¥.4.	34.	7.197	7.01
:	12190.	1.2	-11.5	٠٥٢	257.5	1.1.
g.	14274.	0.4-	1.61-	• 7 2	0.192	63.5
	16408.	-10.4	1.22-	30.	0.042	٠,٠ ،٠
500.0	18681.	-16.5	-32.0	24.	0.25.2	51.5
	21456.	-21.5	4.06-	-5.5	230.00	30.1
	24277.	-26.4	J. I.	55.	25 1 •5	34.1,
	27376.	-33.H	-47.1	***	6.162	36.3
	30dH3.	-41.0			1.000	200
	34865.	-50.A			7.092	1.40
200.0	39519.	-61.4			C+942	4.10
	42226.	-62.5			0.642	51.5
	45533.	-62.6			C+642	1.15
	49645.	-59.5			253.5	5U•B
	535.86.	-61.3			9.292	
Û.	58000.	6.49-			271.1	4
·	0070c	-58.9			199.4	17.3
0.30	63936.	-61.8			£ + 115 >	1,.1
	6700H.	-56.0			174.0	10.7
	72377.	-54.0			h+6.42	₽•₽
	78478.	-52.0			4.50>	7.1
25.6	82403.	47.4			0.07	1/.1
	87271.	8-44-			C.002	000
	93603.	-43.5			0.36.7	6.1.5

** AT LEAST ONE ASSUMED RELATIVE HUBBLITTY VALUE ... AS URED TRITILE TRIBEROLATION

14 ALIIIUUL 4451•60 FFE7 MSL 82 0630 MDT 1011 NO. 35	1 MSL	SIGi,IF IC 12 JAL TABL	SIGIAFICALIT LEVEL DATA 1280020055 JALLEN TABLE 13	,A1A	VEODETTE COUNDINATES 33.10712 LAT GEG 106.49511 LOM DEG
PRESS!	PRESSURE GEOMETRIC ALTITUDE MILLIBARS MSL FEET	IE;IPE A1R DEGREES	IEMPERATURL AIR DEWPOIN DEGREES CENTIONADE	REL-110M. PERCENT	
876.4 4.74.	4 4051.0 4 4112.5	3.0	-8.u -3.u	1 t t t t t t t t t t t t t t t t t t t	
υ70.		12.5	~:-	0.01	
050		16.0	-1.1	31.0	
* ជាអញ		17.4	7.	31.0	
781.		13.8	-3.0	31.0	
700		5.9	7.6-	33.0	
658		1.7	-11./	36.0	
1.664		-6.1	-10.3	D• ##	
500		-17.0	+-90-	30.0	
*511		-21.8	-35.7	<7.U	
* 101		-22.6	-36.6	76.0	
00	0 24310.3	-27.1	5.04-	27.0	
10.5		-38.5	1.55-	31.0	

STATION ALTITUDE 8 KAY 62 ASCENSION 40.	4 کئ	0530 MDT 0630 MDT	٦ چ 1	_	WHER AIR COLD THURSCOOS JALLEN TABLE 14	4 P		11 p. 22 c. 11 p. 23 c. 23 c. 11 p. 23 c.	collic conscionits obstatic collectories recessor collectories
VESCARTRIC ALTITUDE MSC FEET	PR'SJURL MILLI _{DA} RS	TEMP AAK DEGKLES	TEMPERATURE K DEMPOINT LES CENTIGRAPE	REL.HIM. PERCENT	CERSITI CMZCURIC METER	aricko of Joddac Rigotts	LIGORESTAN SILESTAN SILESTAN KI	JA SPEEU KROTS	Tout X Or REFMACTION
4051.0	870.4	3.0	9.8-	0 • † †	1104.0	7.740	חיממי	5.9	1.000203
6.000%	7.790	10.9	£:	30.4	1040.	6.0as	1.162	2.1	1.400629
\$ 0005	240 × 5	10.3	# L	31.0	1014.0	7.890	1.102	٩٠°.	1.000253
0 000 ¢	0.100))	ດ '	0.15	1.766	7.500	/ • OC >	6° :	642000 · I
6500.0	#•/US		2.1-		2.796	· ,	1.000	သည် ဆက်	1.000244
7000.0	700.1	14.2	-2-1	31.0	45.50	7.100	0.45	ນ ໝ ` <i>ຮ</i> ່	1.000235
7500.0	774.0	13.1	-3•6	51.2	93'y·n	F • 600	1.657	9.5	1.000731
8000.0	759.9	11.8	-4.13	31.5	427.1		0.000	10.2	1.0001227
0.0058	740.1	10.5	-5.b	51.8	214.0		6.04.9	11.2	1.000223
9000-0	732.6	9.5	4.9-	32.2	90%	2.550	K. K.C. 2	12.5	1.000219
9500.0	719.3	٧•٠	-7.6	32.5	1.0€8	o.cga	7.707	13.3	1.000215
0.00001	700.2	ر د و د	-8-6	32.8	H70.1	1.540	1.66.00	14.5	1.000071
10500.)	693.2	5.2	-9.5	33.5	860.1	0.000	7.70.7	16.2	1.000207
11000.	68U•4	ر ر	-10.3	34.4	854.1	0.640	7.567	18.6	1.000204
00011	7.199	9•7	1-11-	55.3	842.2	04/+5	C+1C2	0.03	1.000501
12000.	655.3	1•3	-12.0	36.4	830.c	£.0.40	**DC, 3	<1.0	1.000197
15200.	6.240	2.	-12∙8	37.9	819.5	C44.1	0• 00,7	د ۱۰3	1.0001
12000.0	630.7	-1.7	-13∙6	39•5	400.3	6.240	5. (10) 2	21.5	1.000191
13500.0	618.7	-3.2	2.41-	0.15	797.4	ი40•5	/ • 110.7	21.3	1.000168
14900.5	o•/0¢		-15.4	42.5	730.0	1.050	9.0¢,	2002	1.000105
0.000 t t	7 * 7 6 W	75.4	116.4	O• 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.0//	6.050	7.067	[*5]	1-000162
0.00341	57.43	1	6111	* G	75.	4.000	0.110.7	٠٠. ١٠.	1.000178
16000.0	501.1	€ 6-0-1 -0-0-1	-21-1	20.05	7.61.	\$.000 \$.000	100°	17.0	1.000173
10000 ·	550.0	-11.1	-22-7	37.6	730.0	630.9	6-167	\$. 5	1.000108
1,000.0	533.	-12.3	-24.2	36.0	714.1	029.4	7.75.7	21.5	1.000165
17500.0	520.6	-13.5	-25•8	34.4	70%	6-170	4.00	35.8	1.000162
18000.0	516.5	n•+1-	-27.5	32.9	\$.060 0.0	40120	1. + #0.7	1.1	1.000159
0.00001	1000	0.01.	1.62-	51.0	0.000	2.4.20	7.707	0.62	967:00.1
0.0000	0.064	7./1-	9.00-	53.9	2.0	t,23.4	0.002 2.002	26.1	1.000154
1.3500.0	48c•0	-18·0 :	-51.5	29.4	0•099	4.773	0 • C t) 2	28.3	1.000151
2.00002	478•1	6-81-	-52.4	28.8	9.459	021+3	0.14.2	30.0	1.000148
20202	າ ຄວາ	/•61-	-53.4	28.3	643.7	0.020	J • () th. 7	32.6	1.000146
210n0.3	450.4	120.6	5.4.5	27.8	132·0	019.6	1.60	33.9	1.000143
0.000T2	0.66	4.1.7	2.00°	7.77	7 - 7 2 0	5.01a	C 200 2	J	0.5000.1
0.00027	C • O • •	2.22.	2.40 2.40	26.3	011.6	?•.Z.	1 • A • 3	33.7	1.000138
3.00057	10 T	0.00	· · · · ·	1 • 0.7	7.010	>.olo	6.257	7.00	1.000133
235.00	7	T + h > 1	0.56	0.07	0.150	8.14.	7	V • 10	1.1001.55
6.00002	415.0	120.0	6-1.5-	2007	7 THC	c13.4	**/=,	23.6	1.000131

STATION ALITUDE 4051-00 FEFT MSL 8 SIAY 6.2 0630 MDT ASCENSION NO. 35	-11TUDE 4U	51.pn FE	FT MSL		1280030035 JALLEN TABLE 14 Cont'd	Sont'd		ot ODE 1, 53. 106.	>t ODETIL COURDIANTES 53.10/12 LAT DEG 106.49511 LOG DEG
GEUMETRIC PRESSURE ALITIUDE MSL FEET MILLIDARS	PRESSURL MILLIDARS		TEMPERATURE AIN DEWPOINT DEGREES CENTIGRADE	REL HUM. PERCENT	REL.HUM. HENSITY SPLED OF PERCENT GMZCUBIC SOUND MLIER RNOIS	SPEEU OF SUUND RNOTS	LINC UNIT.	JPEEU KROTS	IILEX OF REFRACTION
2.000+2		4.05-	-59.8	26.8	572.0	012.0	0.42.7	33.5	1.000129
24500.0	390.7	-27.6	7.0.4-	27.2	562.7	010.5	1.047	33.8	1.000126
45000.0		-28.9	-41.7	27.6	550.0		0.44,7	33.2	1.000124
65500.0		-30.2	1-64-	28.1	244.7		0.00%	32.6	1.000122
C-00002		-31.4	-43.6	28.5	535.9		7.002	32.2	1.0001.0
400002		-32.7	9.44-	29.0	521.3		4.007	31.9	1.000118
27000.5		-34.0	9.54-	29.4	510.0		7.55	33.3	1.000110
27500.0		-35+3	7.94-	59.9	510.5				1.000114
<000002		-36.6	T.7.7	30.3	502.3				1.000112
0.00¢az		-37.9	T-411-7	30.9	7. h6tı				1.000111

STATION ALITIUD. A MAY 5.2 ASCEMSION NO. 3	4051.00 FEL1 MSL 0630 MDT 35	1 #5L	AAE.	AALLEN JALLEN TABLE 15			<pre>ceObcTic CoOnvInAles</pre>
	PRESSURE 6	PRESSURE GEOPOTENTIAL	FMPEL	FEMPELATURE		ALAU UALL	Alk
	MILLIBAKS	FEET	AIR DEMPOLNI DEGREES CENTIGRADE	EMPOINT NTIGRADL		UIKECIION 1,EGKEESTIN)	SPEED NAOTS
	9-024	4892.	16.0	-1.1	31.		5.1
	0.00A	6582.	14.9	-2.1	31.		5°5
	750.0	8361.	10.8	-5.3	34.		6.01
	106.9	10231.	5.9	1.6-	35.		15.1
	0.069	12205.	٠.	-12.3	57.		21.1
	0.009	14288.	-5.6	-16.0	43.		1.3.7
	550.0	16504.	-11.1	-22.1	•مار		19.8
	500.0	18879.	-17.0	-30.4	30.		5.5.8
	450.0	21451.	-21.4	-35.5	27.		7.40
	400.0	24272.	-27.1	-40.3	./2	4.047	53.7
	350.0	27378.	-35.1	-46.5	30.		3.10

8 MAY 52 0800 MDT ASCENSION NO. 44	No.	1280° 1280° 148LE	1280100044 LC-37 TABLE 16		VEOULTIC COONDINATES 32-40175 LAT DEG 106-31252 LON DEG
PIRESSUME	E OFOMETICIC ALTITUDE	IE:PE	IESPERATORE SK DEWPOINT	Kr L. HUN.	
HILLINAKS		DEGNELS			
877.5	4051.4	9.8	7.4	0.5%	
466.6	4414.7	14.8	-6.1	0.5%	
0.050	4935.3	18.4	-5.tc	19.0	
010.0	υ? 58 •2	17.H	9.0-	18.0	
700.0	16306.5	7.3	-13.0	75.0	
D+84G	1,714.4	-10.4	-19.0	1.V+	
515.4	13257.6	-13.7	-32.3	19.0	
0.00¢	19013.5	-15.3	2.40-	10.01	
¢.004	24457.7	-56.5	1.04-	19.0	
362.0	20766.4	-31.6	47.4	19.0	
342.2	28009.0	-34.3	1.64-	19•U	
323.2	29395.1	-37.7	-55.2	70.0	
0.000	31074.8	6.04-			
250.N	35080.8	9·6h-			
215.2	36258.9	-57.0			
0.00>	39781.6	-58.5			
173.2	42736.9	-62.2			
150.0	45670.9	-61.5			
136.4	47608.6	-62.6			
129.0	40751.7	-59.4			
100.0	54005.1	-60.1			
82.0	58102.6	-58.7			
0.07	01352.3	-62.8			
9.05	6 0323.4	-55.2			
37.0	74756.3	-51.1			
33.0	70806.8	-51.6			
30.0	79245.0	-50.5			
21.7	80326.3	9.44-			
20.0	66133∙2	9.44-			
15.2	97415.9	0.14-			
10.6	9.405.01	-38.4			

	U. P. S. AIR DAIA	
STATION ALITIUAL MUSICAL FEET MSI	12.30100044	0000 11C 00010 14A [
A JAY EZ DAND MOT	16-31	02 ************************************
ASCENSION NO. 44 CCC 121	1 2 2 4	100.51232 LON D

1.0002.09 1.0002.33 1.0002.31 1.000175 1.000170 1.000167 1.000158 1.000178 .000145 045400+1 0.5000. .0000213 .0000 • 11011200 . 0000203 . 600198 cv1000. 1.000190 .000167 .00015c000135 . 0000 43 7 .0000263 .0000240 ... 30 HZ 0.1 541 non. .000184 .000181 .0001/6 321000. 54100v .000158 .000151 ALFRACTION 225.4 225.4 225.7 225.7 225.6 225.6 225.8 20.9 6.0 9.0 12.7 12.7 13.1 14.5 14.7 15.0 15.2 15.4 15.4 29.0 29.9 30.1 29.2 20.2 16.4 17.1 17.5 17.9 18.3 18.4 20.4 28.2 24.2 30.4 LINC DAIN UINCLION SPEED OLOKELS (14) NIOTS 4.4.4.4 , 3c.to 252.0 (1000) 4.11.2 7.00.7 0.102 1.502 36.V 3.507 44.5 2.000 7 . 4 . 4 3000 4.102 3.407 1.103 Sreku or Sodinio KHOTS 0.34.2 0.32.5 0.31.0 9-640 9-640 050.0 050.0 052.0 050.0 002.3 2000 - 300 -0.000 24.343 0.57.5 020°C 021°J 019.4 UE (**) UŽ3*/ 4.790 1.61.4 047.5 1.440 2.4.50 040.00 1,10.1 იპა.ც 11. 1.11 0.020 ...tu 0.640 40470 9.6.40 to80.5 1611.0 994.5 977.7 139.0 827.0 810.5 761.6 750.7 075.6 46,200 911.0 873.1 0.51.0 786.1 730.2 719.5 097.4 64J+U 614.0 1040.0 430.0 160.1 700. 15.5.7 626.1 899.0 804.9 4.04 0.64.0 324.6 795.7 REL-HUM. LENSITI PERCENT CMZCURIC METER 41.77 45.0 46.0 48.1 43.4 53.7 18.0 18.1 18.2 18.3 114.0 118.6 118.7 118.7 119.7 TEMPERATUPE AIN DEWIGINE DEGRES CENTIGNADE -13.5 -13.9 -14.3 -14.8 -15.3 -15.9 -16.6 -17.2 -17.9 -5.1 -6.1 -7.1 -7.1 -7.1 -7.1 -7.1 -10.9 -11.7 -12.5 -13.0 -13.3 -13.7 -21.0 4.657--320.9 -35.0 -35.8 -101-N. 42-1.40--36.6 -53.2 -59.1 1.00-4.8 13.4 17.2 17.2 14.6 14.6 15.0 -1.5 -2.9 -4.3 -5.7 -7.0 FILL LUAKS PRESSURE 694.7 681.7 681.7 695.0 645.7 641.6 613.6 613.6 613.6 613.6 613.6 613.6 596.1 596.1 591.0 591.0 591.0 877.5 803.4 646.0 655.1 616.4 605.8 709.3 747.5 734.3 720.6 707.8 500 • 3 490 • 1 480 • 1 4.00.8 470.3 442.2 3.00001 0.0028 0.0028 0.0008 UEUNETRIC ALITIULE MSL FELT 15000.0 15500.0 16000.0 16500.0 17000.0 19000.0 19500.0 12000-0 12500-0 13000-0 3.0004T 18500.5 20500.0 21000.0 21500.0 5000... 5500... 7000°5 7500°E 11000.0 11500.6 25500.5)•0050 4051.4 0.00cu 13500.0 C*00077

	SEUDLTIC COUNDINATES	32.40175 LAI DEG	106.31232 LOH DEG
U. P. R. A.K. JAIA	12.501.00044	LC-37	TARIF 17 Cont'd
	STATION ALITIONE "NOT-37 FEET MSL	B NAY LZ 0800 MDT	ASCENSION NO. 44

		:					
PRESSURE TEMP AIK MILLIDAKS DEGREES	IEMPERATURE K JEWFOINT EES CLNTIGRADE	REL.HUM. PERCENT	LENSITY GM/CUPIC MLTER	SPEED OF SUCHO NAO15	LIND DATA UINCUITON SI DEGREES(14) N	SPEEU NIOTS	INJEK OF REFRACTION
46/.3 -5.6	4.54-	18.9	575.0	013.0	4.14.2	32.3	1.000179
390.9 20.65	-43.2	19.0	563.7	011.7	C.177	32.6	1.000120
	14:11	19.0	554.3	010.4	4.445	53.0	1.000124
	-45.1	19.0	1 * C # C	0.600	/ • 1 ¢ >	34 • 1	1.000122
5.5¢- 5.475	0.94-	13.0	0.055	0.700	200.0	35.5	1.000120
	4.94-	19.0	527.1	0000	7.04.7	37.8	1.000118
558.7 -72.0	-47.8	19.0	510.6	60400	2.0.7	36.9	1.000110
	-48.7	19.0	\$14.	0.000	2.0.7	39.1	1.000114
•	9.61,-	19.0	500.0	002.3	<40.1	39.2	1.000112
	3•0 0 −	19.3	#*76#	€000	40.5	39.3	1.000110
320.8 -30.7	-51.5	19.7	484.4	1.660	0.047	39.5	1.000108
	-52.9	18.8**	470.4	597.3	4.C42	39.5	1.000106
314.6 -38.9	-56.8	12.8**	467.8	5.065	J. 4. 1. 7.7	37.3	1.000104
	-62.4	6.8**	457.4	19201	0.447	35.1	1.000102
8.04-	-77.0	**6*	451.2		J. C. P. S	32.5	1.000101
			7.044		7.447	30.2	1.000039
247.6 -43.0			430.3		240.42	26.0	1.000097
			427.0	284.0	7 + C + 7	29.0	1.000095
			420.0	2.090	1.042	30.2	1.000094
260.6 -40.3			416.5	ეტი• ი	24240	31.9	1.000092
-			405.4	5.090	0.404/4	33.6	1.900090
			390.1	203.9	7.1.7	34.2	1.000069
			391.1	4.264	7.1.7	34.7	1.000067
			380.5	0.18c	N./+7	35.9	1.000086
239.4 -51.9			370.9	579.5	6.14.7	37.3	1.000004
			370.0	570.0	Z+0+2	36.0	1.000004
			360.5	270.5	(1./ 4.7	38.2	1.00001
			350.0	575.0	1.5+7	35.6	1.000079
			350.1	575.5	0.14.7	34.4	1.000078
212.7 -57.2			345.6	572.4	4.4.4.2	35.9	1.000070
			335.0	574.0	0.647	39.1	1.000075
202.7 -58.2			320.0	1.170	7.047	44.6	1.000073
			321.0	570.4	V.1+1	40.0	1.000072
			314.0	209.0	7.0.7	49.4	1.000070
			300.1	1.005	7 4 7 4 7	50.4	1.000009
			304.0	6.105	0.000	51.3	1.000007
29.5 -61.3			290.5	1./00	4.107	51.7	1.000000
			280.5	2000	71,7	51.8	1.000004
71.6 -62.1			284.0	5+0g0	2.10,2	51.0	1.000003
2(200			27,00	50001	n•0¢,	6.64	1.000001

** Af LLAST ONE ASSUMED RELATIVE HIM ITY VALUE ARS UNEN IN THE INTERPOLATION.

STAITON ALTITUAL MUSICAL FLET MSL BIMAY OF ASCENSION NO. 44 0800 MDT

okobelic Coordinales 32-40175 cal DEG 106-31232 con DEG U. PLR AIR UNIA 1_83100044 1_C-37

TABLE 17 Cont'd

OE UNE TRIC	PRESSURL	IENF	ENPERATURE	Pet. HUM.		SELEU OF	WING UNIN	3	INCEX
ALITIODE MSL FELT	AILLIDARD	AIK JEGKLES	DEWPOINT CENTIGNAUE	PERCENT	UM/CUB1C	STOPE	UTRECTION OF GREEN	JPLEJ NNOTS	OF REFRACTION
·0000++	102.8	-h1.9			260.0	>•nga	2.002	5005	1.000000
44500.0	158.9	-6.1.8			261.0	30004	K.K.7	50.9	1.0000
45000°	155.6	-61.7			255.	-	2.002	511.2	1.000657
3.004€₩	1:11.5	-61.5			249.0	1.ngc	250.0	51.6	1.000055
9 • 00 0 a 4	147.6	-61.7			24046	50005	0.107	50.7	1.000054
40500	144.0	6.200			237.0	-,	4.1c7	49.7	1.000053
47000.c	140.5	-62.3			734.1	ენე• ც	0.47.40	48.6	1.4000052
47500.0	137.1	-62.5			250.0	4.000	0./47	47.5	1.000051
48000.3	130.8	-61.5			220.0	טיייוני	0.047	48.0	1.000049
÷8200•û	130.6	-(,0.1			210.5	20000	1.40.4	48.7	1.000048
d•00065	127.5	5.66 -			207.6	0.690	C+/+2	49.8	1.000046
49500.9	124.4	-59.5			6.105	500.4	5.00	50.9	1.000045
200000	121.4	9•64-			170.0	4.600	7•057	51.1	1.000044
0.0050c	110.5	-59.6			195.4	6.600	1・ラビラ	51.3	1.000043
6.0001c	115.7	-69.7			180.0	2.695	K+707	50.3	1.000042
31500·C	112.9	-59.8			184.3	1.695	1.000	49.7	1.000041
อ<0007<	110.5	8.65-			180.0	569.0	0.167	50.3	1.000040
5<500.0	107.6	-69.9			175.1	6.000	0.007	20.0	1.000039
2.00004	105.0	0.09-			171.5	560.8	0.002	50.0	1.000038
93500.0	102.5	0.09-			167.5	560.7	h•06/2	47.4	1.0000.7
24000.0	100.0	- 60•1			163.5	ეიიი	1./52	42.2	1.000036
ା•00ଦ±ଦ	97.0	6•65-			159.5	260.9	2.00,2	57.3	1.000036
G*0005C	95.3	8.62-			155.0	•	0.007	53.1	1.000035
0.00646	95.0	-59.6			151.7	5.64G	7.707	59.1	1.000034
0.0000	9.06 9.06	#•65-I			140.0		<0.5·1	28.0	1.000033
56500.3	3•5X	-59.5			144.3		0.407	56.9	1.000032
57000.a	3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	-59-1			140.0) • 05° ;	23∙6	1.00001
ਲ•00ਵ/ਵ	र्ग र अ	-58·9			137.5	2.070	0.07	20.0	1.00001
50000c	82.4	-58.7			130.9	570.5	70017	16.2	1.000030
3.00cgc	+ OP	-69.5			131.0	964.8	4.16.7	12.6	1.000029
2.000gc	₹.87	-63·A			120.5	J•605	0.100	10.8	1.000029
2•00⊊6c	70.to	-60.5			125.5	20095	၁• ೧ ೧ ೧	9.6	1.000028
3.00000	74.0	-61.1			122.0	56795	6.062	7.1	1.0000<7
c.0050a	73.0	-61.7			120.5	ეიი•ე	だ・ひりょ	5.8	1.0000.7
01000.0	71.2	-6.2.4			11/.7	20,000	7.117	10.6	1.000000
61500.3	3.50	-6.2.6			110.0	>∙ 000	٠٠٥(١)	17.3	1.000000
0700070	a•/a	-62.1			114.0	200.0	U-+-II 3	23.9	1.00002
6.500.0	2.00	-61.5			103.0	250.7	4.742	25.9	1.00000
ວ•000ເາ	9+40	-61·0			100.6	h+/qr:	7.007	28.1	1.00004
⊕•00¢¢a	03.1	-60.5			100.4	5.000	0.4.7	6.72	1.00002

STATION ACITIONE		HUSI.37 FLEI MSL OROO MIT	_	UrPER A1R DAIA 1280100044	4 2 †		otobeT1	OEUDETIC COOLUINAIES
	•		11	TABLE 17 Cont'd	nt'd		106.	JE:30173 LAI DEG 106:31232 LON UEG
JEUMETHIC ALI ITUDE	PRESSURE	TEMPERATURE AIR DEWPOINT	REL.HUM. PERCENT	LENSITI GM/CUBIC	SPLEU OF SOUND	ATHO DAFA	.f. SPEEU	INUE X OF
15L FEE ["ILLIUARS	DEGREES CENTIONADE		ME TER	S10814	DESKELS (14)	NNOTS	KEFKACT 10N
C*000*0	01.6	6.6%-		100.0	90000	4.0.7	4.0Z	1.000042
04200+0	00·1	#*6S-		90.0		70077	23.7	1.000022
0.000co	7.90°	150.8		95.4		1.177	16.4	1.000021
05500.0	5/•3	5.80 J		6.26		7.63.0	13.2	1.000021
00000	6.00	7-7-5		306°		211.1	11.6	1.00000
0.00000	0.4.0 0.4.0	7.1.5		3.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	5/2.5	0 • / 6 7 -	10.7	1.000020
0.00079	3 · >c;	1:00.1				1.36	- 6	1.000019
€ 0000A	500€	-55.6		81.0		772.0	15.1	1.00018
005bo	9.64	-55-1		7.67		107.01	14.3	1.00018
2.00062	40.4	-54.B		77.5		10101	13.5	1.000017
0056n	41.3	+ · + · -		75.4		104.1	3. 5	1.00001
2.00007	40.2	1.45-		ر <mark>/</mark>		0.10%	4.2	1.000016
70500.3	1.04	3.53-		71.7		7.007	2.0	1.000010
/1000·c	I • † †	-53.5		6•69 •		4.107	7.	1.000016
/1500.	1.04	-5,3.2		2.09		4.6.6.2	1.3	1.000015
0.00027	46.1	-52.48		3. 3. 3.		7.00 T	ສ• ເ	1.000015
C-00CZ/	T • T • T	157.00 100.00		T		0.6.7) •	1.000:014
7 3500	10.7	25.75		55.5	1.07.7	3.507	2.5	1.000014
74000	36.3	9-11-1		3		3 673		1.00001
(4500.0	37.4	-51.3		50.7		7.07	2.5	1.000013
75000	30.5	-51.2		57.4		J	2.5	1.009015
75500	35.7	-51.3		50.1		1.50,7	2.6	1.0000.2
70000	6.45	-51.4		54.c	-	1.00.7	a• 4	1.000012
00ca/	34.1	១ -		3. 3. 1.		* 00.3	9•0	1.00012
75.00	0.00 0.00 0.00 0.00	101 • 0 • 0 1 • 0 • 0 1 • 0 1		6.20	n•non	0.01/	4 6	7.00001
78000	31.8			6.64		4.0.7	7.5	1.000011
0.00401	31.1	8.08-		46.7		7.047	7.5	1.000011
79000-0	30.3	-50.6		47.5	SATAS .	D-00.7	8°9	1.000011
79500.0	29.7	-40.3		4.04	20199	6,572	3.0	1.000010
0000na	59.0	6.64-		45.4	1.200	7.407	5.0	1.000010
\$020a	6000	-49.5		T • + h		296.00	7.9	1.000010
\$1000°c	7.17	0.65-		J•75		۲۰/۳۶	3.6	1.000010
81500	27.1	-48.6		0.24	-	6.06.3	11.5	1.000009
٥٥٥٥٦٩ ،	20.4 5	2.8.1) · () ·	•	7 · * · ·	13.5	1.000009
0.500.c	25.4	ť/*-) • (C + 1		7.00	9•c1	1.000000
0.2000 · D	25.3	4.74.		3 * 5 K	-	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	16.1	200000 T
00000	/• # Z	O•/51		0.00	A - 000	***	¥ • 0 7	C-00000

STATION ALITIVOL HUST.37 FEET MSL B MAY & C 0800 MDT ASLENSING AU

In Per Air anta 1280 tours LC-37

>cobr 11c cobruttates 3c+40175 LAT 5E6 106-31232 LOH DEG

. 3 A.C. A ... New Com.

1.0000Cu4 1.000004 1.000008 •00000 . JUNGUR .000000 4000000 200000 800000 · **BUUUUU** 100000 • იიიიი 000000 • 00000tb 0000000 C00000+ 2000000 300000 •000000• *00000. *****00000. •00000• 1000001 100000 .00000 .00000 0000000 100000 200000 *808000 *00000 **•**00000• •000001• *00000 REFRACTION INULX ż 4.02 19.6 17.7 15.7 13.1 8.0 8.0 8.8 9.7 10.8 12.2 15.8 10.1 15.3 14.5 14.0 14.5 15.0 19.0 21.7 23.8 25.7 27.6 4.67 SPELU 2007 Alad data. SPE Line Citical SPE Line GREES (11) Alia 300.1 307.5 312.1 4.703 4.0.77 4.06.4 7,000 7.4.6 2110 Certo K.007 4.06, 213.0 2.013 0.6647 2.162 0.607 4.5.0 5.4.04 3000 **し・**じじ→ C. (C) J.003 2.602 1.66 1.067 4.06.7 J.007 2.(1)2 74.7 4.0/3 JEMPEKATURE REL-HUM, DEUSITI SPEED DE AIK DENPOINT PERCENT UM/CURIC SOUND DEGREES CENTIGHADE METER ALOTS 291-3 291-5 291-6 592.0 592.0 592.0 0.4460 5Aces 567·U 580.1 ე•იიი 4.080 586∙B 1.000 589.4 589.7 590.5 590.7 0.169 1.760 4.069 594.0 594.0 0.00000.060 ი-იცი 567.5 288.9 P+080 2.69.c ア・クロン 0.00 590.0 6.000 5.060 2.064 1.060 TABLE 17 Cont'd 36.2 33.0 34.0 30.0 29.0 20.0 20.0 22.8 22.4 22.7 31.4 27.5 24.5 6.61 J. 5 0.0 34 . 1 30.7 2001 2005 2409 22.7 2000 3.0 1.2 ۵ د 19.7 1.0 IEMPERATURE AIR 6.41--43.B -42.8 -42.0 -41.8 -41.6 -40.7 4.62-5.04-7.511-T.44.7 -44.E -43.0 45.4 -41.0 -40.2 39.6 -38.9 -45.3 9.40-3.4%--42.6 -39.1 7.44.-4.44-2.44-0.41--43.6 -450--42.2 -41.2 +·0+--39.9 -4p.1 -41.4 "ILL INAKS DEUMETRIC PRESSURE ALTITUDE 23.6 22.5 22.5 22.6 21.5 20.6 20.6 19.7 12.0 6.7 19.2 3.0 4.5 6.21 12.0 11.8 11.5 11.5 11.0 ASLENSION 110. 95000.0 95500.0 96000.0 92000.c 93000.0 93500.0 9.00000 57000°E 97000.9 990004 0.00040 0.00059 0.00548 ್-00Ç೦೦ 0.006/0 88000 · 9 88500·n 6.00060 3.00568 90500.0 9100016 91500.0 94500.0 7.00576 980008 0.00000. 0.00500 01000.0 2.00540 3.0000% J.00011 9.1500.0 98500.3 99500.0 3.000201 MSL FEET

STATION ALITIUS B MAY CA ASCENSION NO.	STATION ALITIUDE 4051.37 FEET MSL 8 MAY CZ ASCENSION HO. 49 0800 MDT	"SL	Ain 	mAnDaTORY LLvets 12AG109044 LC-37	- v c L :>		otton: 11c COGNULANTES 52.40175 LAT LEG 100.31732 103.116
			1	TABLE 18			
	PRESSUKE GE	ESSUKE GEOPOTFNIIAL	1. MPE	1 EMPERATURE	יינריוטייי	ATHU UNIT.	संस्
			γIΥ	UF "POI"I	refet ni	UIRLL I 10M	1 SPLED
	MILLICAKS	FEET	DEGREES C	CENTIORADE		UEUNCES (114)	Though the state of the state o
	0.3cn	4932.	18.4	0.5-	19.	20102	0.0
	6.003	6031·	16.9	-1.0	10.	200.3	1c.H
	753.0	8410.	12.3	6.6−	50.	250.5	14.7
	100.00	10296.	7.3	-13.0	• 7.7	220.0	10.5
	0.064	12277.	1.9	-15.7	30.	2,04.4	11.8
	J•00's	14373.	-3. 8	1.5.1-	39.	234.0	17.8
	0.04%	10001	-10.1	-1x·c	٠ ۲	<55.1	21.2
	6,00 • 0	18987.	-15.3	-34.5	10.	¿\$2.	9•07
	0 • 25 11	21571.	-20.6	-38.4	10.	255.9	Ǖ0.7
	U•00ti	24.097.	-26.5	-43.1	61	65165	J 5
	0.065	27519.	-33.2	9.84 -	٠٧١	C+C+2	1.60
	304.0	51013.	6-04-			240.5	22
	0.065	35004.	8.64-			0./57	24.7
	9• 00₹	390fic.	-58.5			C+1+2	7.4
	175.0	42419.	-61.0			251.0	51.0
3	150.0	45548.	-61.5			7-052	51.4
1	155.0	49261.	-50.5			7.557	20.7
	100.0	53830.	-60.1			45/07	5.22
	0.0p	58420.	-59.3			ナ・サルン	1<-1
	70.07	61142.	-62.8			5.707	6.41
	0.00	P#584.	-59.3			230.5	6-6-2
	9.05	იცილი•	-55.5			183.7	14.6
	ن• ري ان † (۲۰۰	12773.	-55.5			150.0	۲۰۶
	36.0	78906.	-50.5			260.0	2. 2
	25.0	o2836.	-47.2			6.167	10.9
	56.0	87710.	51.44.			270.4	1.1
	15.0	94068.	-45.2			300.5	0.11

** AT LEAST ONE ASSUMED MELATIVE HUMICITY VALUE WAS USEN IN THE THILKPOLATION.

SIGNIFICANT LEVEL DAIA	WHITE SAMES	TABLE 19
STATION ALITIUM, 3989-00 FELT MSL	H MAY 02 0926 MDT	ASCENSION NO. 199

or OLLIC COUNDINATES 52-40043 EAT CEG 100-37033 EOD DEG

经验证的证据的证据的

A VAC BUREAU

HEL . HUM. PERCENT	2
TEMPERATURE AIR DEWPOINT GREES CENTAURALE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TEMPL AIR DEGKELS	11111111111111111111111111111111111111
GEOMETRAIC ALTITULE ESE FELT	3989.0 4923.4 5225.7 5225.7 10293.4 115219.2 115717.4 16134.7 16134.7 29252.2 31072.6 31072.6 45668.4 45668.4 46470.1 54311.8 66374.7 66374.9 85490.5
PIKESSURE MILLIBARS	67 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

STAFION ALITIUDE 3yd 8 may u2 4Suension no. 1y9 ⁰⁰	.1117Ube 354	5 2	1 MSL		ULPOR AIN CAIN 128002-0199 LHITE SANDS TABLE 20	A		95.00, T10 32. 106.	oLob.T1c Coo.o.1.1/11cs 52.40043 LAT DEG 106.37033 LON DEG
GEOMETRIC ALIITUDE MSC FELI	PRESSURE MILLIBARS	٥	TEMPERATUPE FIK UEMPOINT EGREES CENTIGRADE	KEL . HUM. PERCENT	JENSTTY OM/CCBAC METER	SPEEU OF JUDIND KIAU1S	ILIRECTION S	JA SPEEJ KROTJ	IRULX OF REPKALTION
3989.0	878.8	17.4	\$:	29.0	1049.5			0.	1.000250
4000.0	878.5	17.8	٠ <u>:</u>	29.0	1.0401	4-594	100.1	٠.	1.000200
4500.0	862.9	17.6	6.1	28.5	1031.2	2.000	105.1	4.7	1.000255
2000.0	847.7	17.8	-1.1	27.7	1012.5	065.3	103.1	9.5	1.000251
5500.0	832.	18•3	0:11	27.0	7.766	0.000	1.001	13.8	1.000247
6,500,0	B0.504	16.7	100	27.5	963.5	**COO	7	0.07	242000-1
70000	6.000	40.4	0.6-	0.80	950	3 + 60	7807	13.5	1.000238
7500	774.7	7	7.5	28.7	937.	0.200	7.001	12.5	1.000.24
0.0000	760.8	12.9	-4.5	£.62	924.4	2.760	2.007	13.2	1.000226
0.0050	74/01	11.7	-5.3	6.67	911.9		d•υ02	14.8	1.000222
90000	7.33.7	10.4	2-9-	50.5	899.5		213.2	15.8	1.000219
9500.0	720.5	9.5	-7.0	31.1	687.3		61017	16.5	1.000215
10000.0	701.5	7.9	-7.9	31.7	875.3		219.5	16.3	1.000211
10500.0	9•469	9•0 •	9-۲-	52•B	865.5	2.240	24.1.5	15.9	1.000208
11000.0	681.7	5.3	0.6-	34.7	851.5	0.050	743.0	10.6	1.000205
11500.0	0.609	3•9 1	9•6-	36.5	839.0		20001	17.4	1.000202
12000.0	9•959	2•2	-10.5	38•4	826.5		つ・ロウン	16.2	1.000199
15200.0	t • 1 1 9	1.2	-10.8	40.3	817.0		Z-2-7	18.9	1.000196
1.5000.0	632.4	~:	-11.5	42.2	600°		7.4.4	19.3	1.000152
13500.6	650 d	-1.6	-12.3	0.00 0.00	K. #6/		7.4.4.X	19.8	1.000169
14000.0		-3-1	-13.2	5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	785.9		1.00×	70.4	1.000185
3.000.1		9.	-1-	0.7	7.5.7	-	70,00	21.3	1.000183
0.00001	0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *	0.01 17.5	1.5.1	+ G + C + C + C + C + C + C + C + C + C	75.57	1.750	201.0	22.22	1.000150
0.00001		0 1	1001	1.00	7.17		4 J	7 00	1210001
100001		8.6-	4.621	31.8	730.1	34.76	< 30.7	0.17 0.17	1.000173
17000.3		-10.6	-29.1	20.0	710.1		1.142	20.1	1.000103
17500.0		-11.7	-30.1	20.0	707.1	_	240.0	21.8	1.000100
18000.0	520+3	-12.9	-31.1	20.0	7•060	0.020	0.445	23.4	1.000158
16500.0	510.1	-14.0	-55.0	20.0	685.5	127.5	0.1.2	54.5	1.000155
19000.0	200.0	-15.2	-33.0	20.0	675-1	U253.d	240.0	25.1	1.000152
19500.0	6.684	-10.2	-53.6	20.5	7.499	024.5	カ・バカフ	25.0	1.000150
200007	0.084	-17.5	-54.0	20•3	653.4	U23.4	九・ハナン	54.9	1.000147
20200.0	4.024	-18.3	4-48-	20.5	6.249		7.002	6.4.7	1.000145
<1000.0	• ၁	1.61-	-36.5	20.7	636.0	Ī	C.1C2	A•42	1.000192
21500.0	451.6	500-	1.75-	3·07	\$55°	019.4	2.102	25.5	1.000140
0.00022		-21.5	6.40	21.0	C.310	1.010	6.000	7.1	1.0011.38
73000.0	# # # # # # # # # # # # # # # # # # #	124.4	35.40	21.0	5017	11/10	(****/	# · / · / ·	1.000135
2.0000		,,,,	r • ^ >	7		2.7) J	3	77777

or ODE TIC COGNOTHATES 32.40043 LAT DEG 100.37033 LON DEG	INDEA OF NEFRACTION	1.600131	1.000126	1.000126	1.000124	1.000120	1.000113	1.000110	1.000114	1.000112	0.11000.1	1.000100	1.000104	1.000162	1.000101	1.0000	1.000097	1.000035	2500001	7600001	0.0000.1	1.000007	1.000000	1.000004	1.0000c2	1000000	1.0000.4	1.000076	1.000075	1.000073	1.000072	1.000070	1.00000.9	1.000000	1.000000	1.00004	1.000003
or ODE 11 32. 106.	SPEEU KINOTS	30.2	31.5	32.4	34.0	35.3	36.1	50.7	36.2	35.1	1000	3.40	34.5	34.2	33.5	32.6	30.9	2.6% 2.6%	0.62	20.62		31.1	50.5	6.67	32.3	7 4 6 4	34.9	41.1	41.9	42.8	43.9	45.0	46.3	47.9	2.6±	0 · ii s	ť ≎.
	"110 DATA "11RECLION S DEGREES(IN) K	1.047	0.542	2.52	4.04.7	744.0	3.43.5	4.0 th 3	# . # . # . # . # . # . # . # . # . # .	0 40 77	V•/#/	7.66.7	0.44.7	6.0747	6.24.2	7.14.7	747	5.057 5.057	0 1 7	3 4 7 7 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7 3	3.77	1.042	7.44.7	# • +, z; 7	7 • 5 5 7	7 / 4	3.557	7.447	7.44.0	4.4.4.7	9.4.4.7	7.042	1.047	オ・ウォリ	3.65.7	G•DC7	1.10.
020199 520199 520405 20 Cont'd	SPEED OF SOUND KNOTS		613.0	012.4	_	000.5	0.700	-	0.400	0.700	7.000	6.169	290.5	595.5	9.060			0.063	# · 000	6.000	C. C				6.110			576.	571.3	5,076	2.699	1.049	267.1	1.000	550.4	5000 0	6.000
UPER AIR LAIA 12800-0199 WHITE SAIDS TABLE 20 CONT	DENSITY OM/CUBIC METER	281.7	571.0	562.1	543.0	53, 0	525.7	517.0	300 100	7.00c)	475.7	461.5	454.3	451.3	442.5	434.0	427-1	7.13.7	401	3900	301.5	384.3	377.6	370.5		350.0	340.0	530.4	32,7.5	326.0	310.0	30.7.0	303.4	295.0	4.082	7.11.2
	REL.HUM. PERCENT	21.0	21.0	21.1	22.2	22.8	23.4	24.0	0.42	0.42		20.7**	14.14	7.6.*	1.0 * *																						
I MSL	IEMPERATUPE R DEWPOINT EES CENTIGRADE	2-64-	141.0	-41.8	1.64-	-43.9	9+44-	0 = 12 +12 -1	# : * : * : * : * : * : * : * : * : * :	3 • 6 5 1	4.64-	8.[4-	6.44-	-61.6	-76.6																						
9•nu Fe _t 26 MDT	TEMP ATR DEGKEES	-24.2	-25.1	-20.1	-28.3	-29.3	-30.4	31.5	-32.0	- 14.6	36.5	-37.6	-38.7	4.6x-	5.07	-41.4	-42.6	24.3.6	0.04	704	1-88-1	6.61-	-51.0	-52.1	-53•1	7 - 1 - 1	-56.3	-57.3	-58-1	6.83-	-59.7	-60.5	-61.	-62.0	() . () .	-01.6	÷ ÷
5741104 AL111402 3989.00 FErT MSL 8 MAY 62 ASCEMSTOR 40. 199	PRESSURE MILLIBARS	415.7	401.5	398•8	382.2	374.2	360.3	350.6	7.000	40.40	320.0	321.6	314.6	307.7	301.0	294.3	10/97	281.5	260.7	26/45	250.7	250.9	245.1	239.4	233.8	22.00	217.8	212.7	201.6	202.7	197.8	190.1	180-4	180.9	177.0	•	1/0.9
5741100 ALLII 8 MAY 82 ASCEMS100 30	GEUNETRIC ALITULE MSL FELI	23500.0	6.00042	24500.0	2.2200.6	26000-0	26500·U	0.000/7	0.0007	0.0007	<9000°	<9500.	200005	0.0050c	01000.0	0.00016	32000.0	22500.0	0.0000	0.00000	04500.0	35000.0	0.00550	0.0000	36200.0	7500.0	38000.0	38500.0	0.00060	57500.0	0.00004	40200.0	41000.0	41500.0	0.00024	0667	# 2000 t

AT LEAST ONE ASSUMED RELATIVE HULL.TTY VALUE AND USER TO USE THEORYOLATION.

STATION ALITIDE 8 MAY 32		3989.00 FELT MSL 0926 MDT	_	UPPER AIK UNIA 1280020199 WHITE SANUS	Un14 94 05		9E00E11	SEODETTC COOKUINATES
ASLENSION NO.	667		F	TABLE 20 Cont'd	ont'd		106.	106.37035 EDN DEG
			3) 				,
05 UME 1810 AL 117 UDE	PRESSOICE	AIR DEWPOINT	PERCENT	CM/CUBIC	SPEED OF SUUND	"IKLUIONIA	IA SPEEU	INCE X
MSL FELT	HILL IUARS	DEGREES C		METER	S10114	LEGKLES (IN)	NINOTS	KEFKACT10N
4350A.	100.8	-61.5		274.1	1967.1	V.00.2	50.5	1.000001
0.000+4		-61.0		267.3		250.0	50.1	
9.005**		-60.8		260.6		7.002	50.0	1.000058
45400.3	155.0	7-60-7		254.1	567.9	G•197	50.4	1.000057
45500.0	151.2	-60.5		247.7		7.25.7	50.7	1.000055
46000		8-09-		T - 242		გ•მე? - იი:	a•04	1.000054
5.00004 5.00004 5.00004	0.557	161.5		3.00.0		7.6.7	8.0C	5500001
47500-1	140.0	-61.0 -60.8		25.1	507.4	7.7.57	50.00	1.00001
0.0000	50,51	y		71077		7 - 7 - 7	V - 0.0	000000
48500.0	136.7	1 00 4		71.7		1.27.7	20.0	1.000043
49000.0		-60.0		208.5		0.447	10°03	1.000046
49500.0		8.65-		203.3		Z40.7	# · # ·	1.000045
20000-0		-59.6		198.2	569.4	740.0	47.8	1.000044
0.0050c	110.6	-59.3		195.5		2.00,2	47.3	1.000043
0.00015	115.8	-59•1		180.4		7.757	46.9	1.000042
51500.0	115.0	0.65-		185.7		2000	47.2	1.00001
0.00020	110.3	に・かい		179.5	-	4 . 40. 2	47.5	1.000040
0.00520		59.5		1/2/1		0.±0.V	46.2	1.000039
0.00055		150.45 10.11		1/1.5		0.007	n	1.000038
0.0000	1001	7.7.51		16.1.1		6000	40.0	1.000037
0.00004		C. V. C.		201		3 4 7 7 7	0.00	95,000,01
55000.0		154.0 154.1		155.7	2666	4.10.7	50.5	1.000035
0.5500.0		9.69-		151.9		4.105	29.0	1.000034
20000		-53.5		140.5	4.690	4.10%	27.9	1.000055
0.0220	80.7	4.65-		144.0		1.50.7	24.1	1.000032
4.000/c	80.00	159•4		0.141		3 · * 6 · ·	2002	1.0000.1
3.000/0		154.0		137.00	8 ·	7007	10.0	150000-1
9.00000	0.00	7.67				7.0.7	7.0	0.0000.1
0.00000	74.5	15.9 · C		124.		1470	0 0	1.000000
0.00000	7.0.7	0.450		12,71	7 6 6 7	0.47	0	1.0000.1
0.00000		2.00		127.01		0.4/51	13.7	1.00000
0.00000		6.03-		112.4		a out	17.5	1.000027
01000.0	71.	-61.3		117.0		60202	21.4	1.000020
01500.0	9.69	-61.5		114.5	-	20102	24.5	1.000025
0200000	61.9	-6.1.0		111.5		214.1	27.3	1.0000<5
0<500<	£.•00	-60.5		100.0	1,0000	0.012	30.3	1.000064
0.00000	2.49	0.0.1		105.8	56u•d	4.617	29.1	1.000024

O MAT 62		101.0360					•	
ASCERSION NO.	567		11	TABLE 20 Cont'd	nt'd		• • • • • • • • • • • • • • • • • • • •	100-17073 LOH LEG
GEOMETRIC PRESSUM ALTITUDE MSC FELT MILLIDAM	PRESSURE ILLI _J AKS	TEMPERATURE A1K DEWPOINT DEGREES CENTIGRADE	REC. HUM. DENSITE PERCENT DAZCURI METER	DENSTY DM/CUBIC MLTER	JEEFU OF SOUND NIOTS	LINE DATA STREET TON S OF CONTRACTOR	SPLEU KIOTS	Thuck X OF MEFHALT 104
<u>.</u>	63.2	-59.5		1001	9.606	2.62.3	27.5	1 - 000005.3
	2.19	-59.0		100.4		60100	25.7	1.0000
0.90040	5.09	-58.5		91.0		1.0116.3	<1.12	1.0000<2
0.00000	50.H	0.8°-		95.4		9.00.	17.7	1.000621
	3.73	-57.5		94.4		1.11+7	14.5	1.000021
	50°3	-57.0		90.3		نا•برگر ،	13.7	1.000020
0.0000	54.7	-1,6.5		80.0		り・ファフ	12.9	10000
	5.0 t	1.00-1		A5.1		C+7.52	12.3	1.000019
	1.75	55.6		.). E. (7.47.0	7.107	15.1	61000001
	ر ٠ ١٠	1.55-1		81.3		V.C.C.	10.0	1.000013
0.00000	43.7	154.6		7.8.5		79.4	11.2	1.00000
03006a	£0.	+++S-		7./		7.007	0.01	1.00001/
0026a	± · · · · · · · · · · · · · · · · · · ·	154.2		75.5		フ・ハラフ	ສ•ດ	1.000017
	ر•0 4	0.46-		7.5.		0.020	÷ : 2	1.000016
0.00007	40.4	17C+ C		71.3		¥•017	 	1.00016
	10	0 - 7 C		, O .	2.1.0	7.1.1) : :	1.000016
	10 to			C : 20		**0	ο·	1.000015
	2.72	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.00	6.110	7.001	• •	1.000015
	40.5	7.00.		7.00		7 • 7 • 7) (1.000015
	39.3	- 		1.30		9 9 17 7	5	1.00001
74000-1	300.4	0.01		600		*****	7.4	£ 10000 1
14500+3	37.5	1.55.7 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 €				/ • 7 • 7	7	1.000013
75000-0	30.7	-51.8		51.1		0.012	7.2	1.000013
5500.0	30.6	-51.6		50.3	619.9	40047	6.3	1.000013
	30.0	-51.3		55.0	2.000	B+6.22	\$.\$	1.000012
	34.2	-51-1		53.1	560.5	6.000	o. 4	1.000012
		-50.9		56.4		1.000	₹. .	1.000012
	35.00	7.05-		1.1.	1.199	7.01.7	J • *	1.000011
	31.9	-50.5		グ・イン	561.5	4.003	3.4	1.000011
78500.0	31.1	-50•3		40.4		61017	0.4	1.000011
6.00067	30.4	-50.0		41.5		3.107	7.7	1.00001
6.00567	2.7.	L+7+-		4.04		1.16.7	σ• #	1.000010
	29.1	t-61-		13.00		0٠/ بان	5.6	1.000010
	500	9.64-		T • +1 11		******	æ••	1.000010
	31.5	-46.6		1.0h	0.020	ن٠/١٠	а. Э.	1.000010
٥٠	27.1	-48.5		0.54	554.3	34.46	ម. 10.	1.000009
	50.5	-47.8		0.14		0.010	11.5	1.000004
02500.0	50.0	5./4-		⊃•0ti	J. 1,363	5.010	11.1	1.00000
ن	23.3	-1, (- 1		3.9.6		1. • • 10	10.7	1.000009

JEGDETIC COGNUTUATES 32.40043 LAT DEG 106.37033 LON DEG	INDEX OF INEFRACTION	1.000000 1.000000 1.000000 1.000008
JCCDE T1 32. 106.	DPEED ANOTS	
	LINCOLLO DALA LINCOLLO PPEED LUCKREES (IN) MOUTS	
unia Vy Us Ont'd	SPELD OF SCUND NNOTS	586.2 586.7 587.2 587.7
TABLE 20 CONT'D	DENSITY GM/CUBIC METER	36.1 37.2 36.3 35.4
; -	REL.HIM. PERCENT	
STATION ALITIUDE 3989.10 FEFT MSL 8 MAY 62 0926 MDT ASCENSION 140. 199	PRESSURE TEMPERATURE REL.HUM. LENSITY SPELD OF AIR DEWPOINT PERCENT GM/CUBIC SCUMD MILLIDARS DEGREES CLNTIGRADE METER KNOTS	-46.7 -46.3 -46.0 -45.6
1114br 3989	PRESJURE MILLIDARS (24.8 24.2 25.6 20.1
STATION ALTITUDE 35 B MAY 62 ASCENSION 140. 199	GEWHETKIC PRESJURE ALITUDE MSC FEET MICLIDARS	63500 • û 64000 • û 64500 • û 85000 • û

MALDATORY LEVELS	1280020195	AHITE SAINDS	TABLE 21
	STATION ALITIODE 3989.00 FEET MSL	B MAY 62 0926 MDT	ASCENSION NO. 199

VLOULTIC COORDINATES 32.40043 LAT DEG 100.37033 LOW DEG

HILLIAAKS	1 de	AIR DEWPOI	LIFWPOINT	PERCENT	UIKECTION SECTION	SPELD
	ı		1			
A56.0	4920.	17.5	-1.c	20.	180.1	3.5
0.00A	6619.	16.4	-2.3	28.		10.1
150.0	8405.	11.9	-5.5	30.	20%	14.5
700.0	10283.	7.2	+•8-	34.		10.1
650.0	12264.	1.8	-10.5	34.		10.6
n.004	14359.	-4.5	-13.9	-/ =		21.0
550.0	16584.	6.6-	-24.7	29.		2.02
200.0	16.973.	-15.2	-33.0	~0 ~		25.1
450.0	21558.	-20.6	-37.	, T.		25.6
400.0	24380.	-25.9	-41.7	21.		34.2
350.0	27515.	-32.9	-40.5	24.		50.1
300.0	31011.	-41.0				35.5
250.0	35004.	-50.1				31.0
200.0	59082.	-59.3			744.0	40.3
175.9	42403.	-61.6				50.0
150.0	45540.	-60.4				50.00
125.0	49270.	-59.8				40.5
100.0	53853.	-59.9				20.7
89·0	58435.	-59.3				4.5
70.0	61165.	-61.6				23.0
69.0	64322.	-58.4				61.5
50.0	68117.	-54.7				11.6
40.0	72624.	-52.6				0.0
36.•0	78958.	6.64-			291.0	4.6
	•0000	4.6.4			0.767	

** AT LEAST OFF ASSUMED RELATIVE HUMINITY VALUE AND USED IN THE INTERPOLATION.

VLODLIL COUNDINALES SZ-BOBES LAT DEG 100-09965 LON DEG		
4.4.	KEL.IIUM. PERCENI	16000000000000000000000000000000000000
516111 1CAUT LEVEL JAIN 1248018134 110LLOMAIN TABLE 22	TELPERATURE AAR DEWPOAM EGIELS CENTIONAL	20000000000000000000000000000000000000
516(11) 1 10 10 TA	TELPE AAR DEGIELS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
НSL	E GEUMETRIC ALIITUDE S MSL FEET	4126.6 4796.6 4915.8 7340.6 10278.0 16793.0 16793.0 16793.0 18970.7 24400.5 39784.0 39785.0 44552.4 47552.4 47552.9 52102.9 52102.9 52102.9 52102.9 52102.9 52102.9 52102.9 52102.9 60290.1 60290.1 60290.6 61308.2
STATION ALITUDE 4120.59 FEET MSE 8 MAY 62 0925 MDT ASCENSION NO. 134	PINESSUNE MILLIBARS	874.2 8653.0 653.0 779.2 779.2 779.2 779.2 841.1 841.1 841.1 150.0 150.0 150.0 1157.8 1157.8 1157.8 1157.9 1100.0 1157.9

1.00 of 1111by 4126.50 Great act	U.P. R. Alic DAIA	
TOWN HELL TOTAL TOTAL MOTE	#C10400074	3180101000 11 C001010
11AY UZ 0925 MDT	110FFOM/11	32 LAI UE
ENSION 110. 134	TABLE 23	106-09965 LON UE

UINATES LAT DEG LON DEG		. 300247	.000257	000250	. 80n24o	.006242	.000238	000230	.000226	. 1000262	.000219		.000211	00208	.000205	.000150	361000	000192	.000189	•000186	.000133	001000	47 [000]	601000	.000165	.000102	. 11001159		000151	.000148	-000145	.000145	001000	.000138	• 0.00 ·
OLUDLIIC COUNDINATES D2*BBBB LAT DEG 106*D9965 LON DEG	INGEX OF REFRACTION	1.0	1.0	1.0	1.0	0 .1		5-1	1.6	1.0	1.0	1	0.1	· .	7 -		5	1.0	1.	ਾ 1 ∙ੰ	-	٠,		-	1.0	n•1	1.1		7	7	· -	1.0	÷.	ē .	7.0
√. ∪. ∪. √. ∪. 2. 106.	TA SPLEU KNOTS	0.9	7.2	9.1	11.2	11.5 2.0	10.1	5.0	10.2	10.9	11.9	14.1	16.5	19.3	20.6	*****	20.5	20.6	20.7	50.9	21.1	21.7	× × × ×	20.00	46.6	25.6	23.3	20.4	3.00	55.3	4-12	1.07	30.6	31.6	36.0
	"THECTION DATA	C10.0	170.4	100.0	0.101	¥•\$07	1,30.1	7.107	Z100+1	G • RO.7	70017	2.01.	7-11-7	7.4.3	3.1.73	7.003	N. 50 C. 3	A.V.5	c*1*2	7.64.7	0.47	4 · > 1 > 1	D. D. T. V	1.24.7	0.44.57	1.042	7.00	7 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 *	4.76.7	0 • 1.4.	1.47.1	0.44.2	3.64.7	7.6.5) • (*) • (*)
A 1 4 5	SPRED OF SOUND RNOTS	1.654	4.444	3.000	_	_	000. 000. 000.	_	_		_			_	0.000		3.00	643.3	041.0		_	_	24.6		_	6.629		020.0	_				019.5	4.010	017.3
UFP, R. Alic DATA 1280010134 HOLLOMAH TABLE 23	GENSITY GRZCURIC METER	1044.5	1059.1	1007.0	395.5	0.876	6-146	930.0	455.1	910.1	0.006	880.3	3.0.8	3.4.7 3.4.7	2.2C0	826.0	817.4	800.1	795-1	784.2	475.5	6.79/	741.7	730.0	710.4	707.5	7.069	686.1 675.4	6.444	655.1	1.749	631.5	620.7	5.010 	1.000
	REL.HUM. PERCENT	16.0	29.8	26.1	26.5	26.9	27.7	28.3	29.1	30.0	30.8	31.7	32.5	33.8	33.67	20.05	41.4	13.3	45.2	47.1	0.64	50.9	36.00	1 4 4 4	37.0	34.9	52.9	0.00 0.00	2.B.5	28.1	27.6	27.1	26.7	2007	2000
J MSL	IEMPERATURE R DEWPOINF LES CENTIGKADE	-8-2	0.	6•-	-1.5	2.5	13.5	2.4-	6.4-	-5.6	t,•9-	-7-1	6.4-	£ .	7.0	-10.4	-11-0	-11∙8	-12.5	-13.3	-14.1	15.0	-17.3	-19.9	-42.B	2.4.5	7-56.02	7.0/-	-30.6	-51.0	-32.6	-53.5	3.15.	2	****
6.59 FCE	IEMF A1 ^k Degrles	17.9	17.9	19.0	18.0	17.0	14.9	13.8	12.6	11.3	10.0	න i	S • .) o	C = 4	· ·		6:-	-2.3	-3.7	1-6-	200	6-5-	-10-1	-11.0	-12.5	13.5	9.5	1001	9-/1-	-18.5	4.61-	->0-3	-21.5	1.56
1117ULL "112C 09 10. 134	PRESSURE ALLIDARS	874.2	90208	847.4	832.4	821.0	784.9	774.8	760.8	741.0	732.5	720.2	7./0/	1.560	00100	653.5	643.2	631.0	619-1	h•/0g	990°9	5.2.7	567.4	551.7	540.9	530.3	2.4.0	007.00 007.00	485-2	474.3	469.5	0.095	9.054		136.
STATION ALTITUDE 4126.59 FEET P NAY 02 0925 MDT ASCENSION 40. 134	GE UNE TRIC AL LITUDE MSL FEL L	4126.L	4500.0	6.000c	2200°C	9.0009	7000.0	7500.0	0000a	0.0058	9000	9500.0	0.00001	11000	11,000.1	12000-0	12500.0	13000.0	13200.0	14000.0	14560.0	15000.0	10000	16500.0	17000.0	17500.0	16000	0.00001	19500.6	7.00007	9.00002	<1000·0	2.1500.6	24000-0	6.00022

	SCOPETIC COORDINATES	34. BBBB LAT DEG	106.09965 LON DEG
U, PLR A1K U, 1A	1289010134	IOFFOMAI	TABLE 23 Cont'd
	STATION ALITIUDE 4126-59 FEIT MSL	8 MAY 132 0995 MDT	ASCEMSION 140. 134 154

GEONETRICAL I FULL	!								
	. PRESSURE	TEMP A 1 K	TEMPERATURE	REL.HUM. PERCENT	CENSITY	SpirEu OF	ATAC UNIA		INJEX
L FELT	MILLIDARS	5	ш		METER	\$1018 KI.018	DEGREES (1N)	NAOTS	NEFRACTION
3 • 000 + 5	204	6.42-	-39.4	24.4	576.5	4.510	0.64%	32.4	1.000128
•	390	-25.4	-40.3	24.1	560.9	012	7-197	•	1.000126
25000-1	387	-50.9	-41.1	24.3	551.3		451.5	33.1	1.000124
25500.0		-27.9	-41.9	24.6	541.9	_	250.5	53.8	1.000122
2.00002	375	-29.0	-42.8	24.8	532.1		2.4.4.7	54.2	1.000120
•	365	-30.0	-43.6	25.1	523.7	_	0.047	34.4	
27000.0	357	-31.1	† • † † –	25.3	514.8	2.000	74047	34.5	1.000115
27560.0	0 350.1	-32-1	-45.2	55.6	500.0	_	24/47	34.6	1.000113
<80000×3		-33+2	-46.1	25.9	497.5	003.5	241.0	34.8	1.000111
20500·(335.4	-34.2	6•94-	26.1	489.0		24/42	34.9	1.000109
•	320	-35.3	9-44-	26.4	480.0		4./47	24.5	1.000108
49599.6	0 321.3	-36.4	-48.6	9•97	472.7		0.742	33.4	1.000106
300000	314	-37.4	h•6h-	56.9	464.7	5989	240.0	31.0	1.000104
100000	0 30/•7	-38•6	1.44-	17.4**	456.9		7.042	20.8	
•	9 300.9	-39.8	7.07-	2.1**	444.5		0.14,7	27.7	1.900100
31500.3	594	-41.0			441.5		2.44.2	26.7	1.000098
22000-6	28/	2.24-			433.U		C+1+2	7.7.4	1.000097
12500.0	281	-45+3			456.5		6,042	26.0	1.000095
٠		-44.5			410.0		0.040	28.7	
•	6 200·7	145.7			411.5		4.047	59.4	1.000092
)*000 * 0	264	6.9h-			¢•+0+	580.0	6.45.9	29.6	1.00000
14500.	220	0.8%_			397.3		7.04.7	29.65	1.000008
35000sc		2.64-			990°4		7.1.7	29.5	1.000067
•	240.1	1-50-4			385.4	561.4	C+1+2	29.5	1.000065
36000.		-51.6			370.4		747.0	29.1	1.000084
30206.0		-52.8			364.0		7.047	3.62	1.000002
.00012	ŋ 220•3	-54.0			362.9	570.7	ハ・ササン	30.0	1.000081
o 1500 • 0		-55.5			350.0		C. +C. †\>	30.8	1.000079
)•000ຄຸ	211	4.0.4			349.9		742.1	31.7	1.000078
J 8500.0	212	9.15-			3":0.0		4.147	33.0	1.000077
•	207	-56.H			337.4		K.0.7	34.4	1.000075
39500.0	207	0.09-			331.5		4.14.7	20.7	
•	161	-60.B			324.0		C+++>	39∙8	1.000072
•		-61.0			317.1	-	0 * 5 # 3	42.5	1.000071
•	180.4	-61.3			309.0		Z40+7	42.6	1.000009
41500·(180.9	-61.5			302.1	2000	7.047	43.1	1.000067
•	17.5.4	-61.8			295.7	560.4	3./57	43.7	1.000006
•	0 175.1	-62.0			280.0	10005	7.047	44.3	1.000064
43000.0	170.8	-62.3			28c.c	565.0	7.44.7	40.4	1.000003
43500.0	160.7	-62.5			275.0	4.000	α•ρς>	0.04	1.00000.1

** AT LEAST ONE ASSUMED RELATIVE HUBBLITY VALUE AND USED IN THE INTERPOLATIONS

### Marker Common Control of the Con	STATION ALTITUDE "126-59 FEET MSL RAY of 0925 MDT ASCENSION 110. 134 GEOMETRIC PRESSURE TEMPERATURE
564.8 564.8 564.8 564.8 566.9 566.9 560.9 560.9 560.9 571.9 57	AIR DEMPOINT DEGREES CENTIGRADE
504.0 506.0	762.7
560.00 50	-61.6
5000.00 5	-41.6
50000000000000000000000000000000000000	161.8
52.3 500.0 500.0 571.1 547.0 571.1 571.1 540.0 571.0 5	-02.5
500.0 571.1	162.0
571.7 57	1.55. 1.55.
571.5 571.4 571.4 571.4 571.0 570.3 57	-57.6
571.4 571.4 571.4 570.4 570.4 570.4 570.4 570.4 570.4 570.4 560.4	-57.9
571.0 570.4 570.4 570.4 570.4 570.4 570.4 50	58.5 C. 23.1
570.9 570.9 570.9 570.9 570.9 501.9 501.9 502.1 603	-58-3
570.5 509.1 509.1 509.1 509.1 500.0 50	158.4
569-7 569-1 569-1 569-1 569-1 569-1 560-1	6-88-
569.1 569.1 568.9 568.9 568.9 569.9	₹.69.3
50000000000000000000000000000000000000	-59•13
560.4 560.4 560.4 560.4 560.6 560.1	-61.0
560.00 56	-61•6
560.00 560.11 560.12 560.13 560.13 560.14 56	62.9 -62.8
9664.1 247.4 27.5 1 200.7 201.4 201.4 201.4 201.4 201.4 201.4 1 10.4 1 10.4 201.4 20	-62.4
200.7 201.0	162.0
507.0 500.0 14.9 1 14.9 1 1 14.9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Colvi
560.0 565.0 564.4 560.7 560.7 560.4 560.6 560.6 560.6 560.6 560.7 56	7-19-
565.5 241.6 19.3 1 200.2 25.4 1 25.4 1 200.2 25.4 1 200.4 25.4 1 200.4 25.5 1 25.5 1 25.4 1 25.4 1 25.5 1 25.5 1 25.5 1 25.4 1 25.5 1 2	-,1.6
564.4 25.4 1 25.4 1 260.0 2 25.4 1 200.0 2 25.4 1 200.0 2 25.7 1 200.0 2 25.3 1 200.0 2 25.3 1 200.0 2 25.3 1 200.0 2 25.3 1 200.0 2 25.3 1 200.0 2 25.3 1 200.0 2 200	4.57-
500.4 25.2 1 25.2 1 200.4 25.2 1 200.4 200	-6.5+3
500.44	-62.0
509.707.522.3 1 5.5 1	-6.0 - 3
1009-5 100-6 16-2 1 1009-4 104-0 11-3 1 1009-4 104-0 6-9 11	-640.5
11.5 1.04.0 11.5 1.05.0	4.65-
0.00	0.641
	0.44.0 7.44.0

STATION ALIITUUL 8 may 82 ASLENSION NO. 1	. •	4126.59 FLI 1 MSL 0925 MDT 4	-	UI PER AIK D.,TA 1230010124 110LLUMAN TABLE 23	41.43 42.		ob uDE T I u2 • 106 •	OCUDETIC COUNDINATES D2.8UBMS LAT DEG 186.U9905 LON DEG
GEOMETRIC ALIITUDE MSL FEET	PHESSURE MILLIBARS	TEMPERATURE A1P DEWPOINT DEGRES CENTIGRADE	KEL•HUM• PERCENT	DENSITY GM/CUBIC METER	SPEED OF SOUND RIGHTS	LIND DATA	SPEED MIOTS	INJEX OF KEFHACTION
C+1100·1	4.10	-59.8		100.5	0.690	444.5	8.8	1.000022
0.00540	60.0	6.65-		0.06		74077	12.3	1.000622
0.00059	54.5	ŋ•09 -		95.7	7.895	66.7.4	10.1	1.000021
0.00000	5/•1	-60.1		90.4	0.000	1.507	21.7	1.000021
0.00000	8•c3	-59.1		0.06		230.0	27.4	1.000020
000000	0.4°	-56-8		87.7		4.7.52	30.5	1.000020
C 1000/3	23.5	5.5.5		9.7. 9.0.		6.762	32.4	1.000019
0.005/a	51.9	8•5S-		83.2		1.752	33.7	1.000019
0.00000) • OC	1,26.3		9 T S		230.0	51.3	1.000018
G•0000	0 · A =	150.3			0,000	C - 2 C - 2	28.9	1.000018
0.0000	7.74			1.7		7.50	12.1	1.000017
70000	40.1	2 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -		7.5.4		165.5	0.0	1.00001
70500.3	45.0	-54-5		7111		7.00	, m	1.000010
71000.0	0.44	-55+2		70.3		93.2	7.6	1.000016
71500.0	40.0	-54.6		4.09		βα.	9.5	1.000015
72000-0	0.74	155.8		n•09		1001	က က က	1.000015
(*0062/	0.14	0 • C · · · · · · · · · · · · · · · · · ·		3.50		3 · 1 · 1	O .	7100001
(3500.0	0 - 7 · 7 · 7 · 7 · 7 · 7 · 7 · 7 · 7 · 7	0 M • C M •		7.09	7.00	2002	0 a	4100001
74000.0	30.5	5.74		600		2.00		1.00001
74500.0	37.3	1.00		50.0		197.2	3.7	1.000013
75000.0	30.5	-52.0		57.4	-	1.467	3.5	1.000013
75500.9	35.6	-51.9		56.1		205,202	4.E	1.000012
75000.0	8 - 15	-51-8		2 t c		0.661	2.7	1.000012
77000.0	, t	TC		יי פייט פייט	37.7.	0.101	 	7100015
7500.0	34.4	-51.5		51.0		7.07T	1.2	1.00001
76000.0	31.7	4-10-		0.64		100.4	5.	1.00001
0.0068/	31.6	-51+2		0·0ħ	•	150.5	9.	1.000011
0.000e.	30.3	-51•1		47.5		4.05>	2∙8	1.000011
79500.0) • j	-	7.11.7	5.3	1.000010
0.00000	28.9	8-00-		7.Ch	6.085	2.04.2	7.8	1.00011
40500.0	28.5	9.00		7 · 7 · 3		2.002 2.003	٥. م	3.0003.c
								0100001
0.00010	200	V*001		1.75	7.135	1.00×	7.0T	1.000009
87500.0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			7000 7000 7000 7000 7000 7000 7000 700	20/2/	199	5000007
0.000.0		9.61-		1 · N		264.2	18.0	1.000009
03500.C	54.6	-49.5		34.3	-	269.6	50.6	1.000009

UPPER AIR CHIA	1280010134	I, JLLOMAIN	TABLE 23 Contid
	STATION ALIITUDE 4120.59 FEFT MSL	8 MAY 62 0925 MDT	ASLENSIU 10. 134

ocobelic compliales 32.eodos LAI DEG Ide.0930s LON DEG TABLE 23 Cont'd

					_					_	_	•	_	_	_	_		_	_	_	_	_	_	_	_	_	_	_	_	_	ı.	_	_							
INUEX Or MEFRAL 1.00	1.000008	1.000008	1.00008	1.000008	1.000008	1.000007	1.000007	1.000007	1.000007	1.000007	1.000000	1.000000	1.00000	1.00000	1.00000	1.00006	1.00000	1.000005	1.00000	1.000005	1.000000	1 - 000005	1.000005	1.00000	1.00000	1.00005	1.000004	1.000004	1.000004	1.000004	1.00004	1.000004	1.00004	1.000004	1.000004	1.000004	1.000004	1.000003	1.000003	1.000003
In SPLEU KROTS	22.6	24.5	22.8	19.5	16.7	14.8	13.5	12.3	11.1	10.4	11.2	13.0	15.2	1.01	15.2	# · C #	15.2	14.7	14.4	14.2	13.8	13.5	13.4	13.2	13.2	13.1	13.0	13.8	14.6	15.5	18.5	20.1	33.9	41.7						
LIKECITORI SI	2/11.2	270.5	2/4.5	20202	6,76,7	J. + D.	50.09	307.0	20040	7,000	2.017	7.007	7.057	0 * * * 7	0.007	4.4.0.7	ن•نډء	G+11+7	740.0	1.10,7	0.00,	7.007	1.607	20102	4.1.7	7.07	40102	7.012	4.0/2	9.5/2	71017	7000	40207	1.6.6.7						
SUUND SUUND NAOTS	583.0	583.7	584.4	565-1	5,650	င္ • ဂရင္	5.180	6.189	588.0	588.9	5.69.5	589.0	9.060	590.3	2.069	591.1	h•160	8-169	592.1	5.765	9-769	5.069	593.5	693.9	2.469	294.0	6.460	595.5	593.5	19090	595.9	590.0	5.060	ن • 10 ⁰ د	590.5	0.060	3.000	590.9	1.769	2.169
LENSITY SEMICOMIC	37.5	30.4	35.5	34.0	35.0	32.9	32.1	31.5	30.5	29.62	29.1	20.4	27.0	27.1	20.5	25.9	25.0	24.7	24.1	25.0	25.0	22.5	22.0	21.4	21.0	20.5	20.1)	19.5	19.1	100.	18.2	1/.0	17.4	17.0	10.7	10.0	15.5	15.0	15.4	14.9
REL.HUM. PERCENT																																								
TEMPERATURE AIR DEMPOINT DEGREES CENTIGRADE	-119.2	-48.7	-48.1	-47.6	-47.0	-40.5	0.94-	145.4	6.44-	9.44-	£•44-3	1.44-1	-43+B	-43.5	-43.2	-43.0	-42.7	142.4	1.24-	-41.4	-41.6	-41.3	-41.1	-40;•B	-40.5	2.01-	0.01-	1.95-7	-39.5	5.50	-39.2	-39.1	-39•0	-38.9	-38.7	-38.6	-38.5	4.8.4	-38.2	-38.1
PRESSURE MILLIOMRS	24.0	23.5	5<.9	52.4	21.9	21.4	2 0. 9	20.5	20.0	19.6	19.1	10.7	10.3	1/•9	17.5	17.1	10.7	10.4	16.0	15.6	15.3	10.0	74.6	14.3	14.6	15.7	10.4	10.1	14.8	16.5	14.2	12.0	11.7	11.5	11.2	0.11	10.7	10.5	10.3	10.0
GEUMETRIC ALITUDE NSL FELT	U4000.	04500.0	o>1100 • (c	0.5500.n	000000	00290	87050.	67500.3	∴•000pa	9.00Cbc	0.00000	ია200• ი	90000K	70500	91000•0	9.00cT%	95000.0	72500.0	93000.0	93500.0	94000.3	24500.0	95000.0	95500 · 0	700000	Je500.9	5.0007.€	97500.9	78000°	Ja500.0	0.00086	9.503.c	1000001	100500.0	101000.0	101500.3	102000.0	102500.3	103000.3	103500.0

FALUATORY LEVELS	1280010134	HOLLOMAN	TABLE 24
	STATION ALTITUDE "126.59 FEET MSL	8 MAY 62 U925 MUI	ASCENSION 40. 134

"126,5 MOT MSL	I MSL	,	1280010134	01.4 10.4 10.4		okodelic codmulidates 32. madés LAI bed 10h. u996s LON bed
PRESSURE GE	PRESSURE GEOPOTENTIAL	4	TEMPERATURE R LEMPOTAL	NEL-HUM.	Alau Unit.	A1A0
MILLIBAKS	FEET	Ŋ	CENTIGRADE		EGILLS (TN)	
9.058	4912.	19.2	7	بئ د.	189.1	7. 0
A00.0	6610.	15.7	-3.0	27.	191.3	10.8
750.0	8393.	11.6	-5.5	30.	200-1	10.8
200.0	10268.	6.9	-8.3	35.	262.0	10.0
650.0	12246.	1.3	-10.0	. 03	235.0	د٥.٠
9.00A	14337.	9.4-	-13.0	. 6.	1.042	c1.0
550.0	16560.	-10.2	-50.4	* ? *	0 * 0 47	8.07
0.003	18945.	-15.7	-29.0	29.	253.0	4.77
0.004	21529.	-20.4	-34.0	27.	0.647	30.7
0.004	24361.	25.6	-40.1	24.	50.05	34.6
350.0	.7490.	-32.2	-45.3	20.	247.0	34.6
306.0	31010.	0.04-			K.+1.47	21.b
250.0	35012.	7.64-			247.1	5.77
200.0	39689.	-60.7			242.0	4.05
175.0	42407.	-62.0			0.042	り・オオ
150.0	45531.	-61.7			251.1	£4.5
125.0	49250.	-57.9			C+642	51.9
100.0	55854.	-60.5			261.0	c'.1
80.0	58388.	6-09-			250•0	2.21
0.07	01101.	-59.3			210.2	2.0.2
0.09	64264.	-59.9			220.0	14.0
0.00	68037.	-56.6			250.5	30.00
40.0	72724.	-52.5			20102	9 •¢
30.0	76844.	-51.1			23/09	J.,
55.0	82747.	9.64-			4.697	6.01
20.0	87587 .	6.44-			310.0	11.2
15.0	93946.	-41.4			759.0	15.6
10.0	103053.	-38.1				

** AT LLAST ONE ASSUMED RELATIVE HUALLITY VALUE ... AS USED IN THE INTERPOLATION.

191915	Ξ
STATION ALITIDUL 4051.00 FEET MSL	
8 MAY 52 0925 MUT	•
ASCENSION 110. 37	, .

9E0DLTIC COONDINATES 53-10712 LAT 0EG 106-49511 COU DEG

A .	HEL.IUM. PERCLUI		0.00	75.0	22.0	22.0	42.0	21.0	75.0	37.0	24.0	0.02	17.0	45.0	0.62	<1.0	21.0	45.0	Ġ	4																						
ANT LLVE:- BVOSNUS? LEN	TEMPERATURE AIR DEMPOSAL GREES CENTIONAUE		o•/	o. # 1	-t-1	-t.t	1-6-	-0./	-12.1	-10.1	-10.4	-59.p	-51.0	-51.5	-57.0	2.0+1	7.24-	1.04-	-48.1	C.04-																						
SIGNICATED STREET	TEMPE AIR UCGREES		17.5	17.3	15.5	14.0	٠	•	6.5	-3.0	7.	Ξ.	-11.1	٠	•	•	•	-32.9	-35.2	-37.3	-40.3	-45.9	-50.0	-57.6	-60.b	-62.2	168.4	-63.0	-64.3	-62.4	4.63-	-58.0	-54.3	-58.6	-61.4	7.00	-61.2	-62.t	-58.0	-62.7	6.1.1-	-6,1.1
IŞ F	SEOMETHIC ALTITUDE HSL FEET		_	-	939	5106.9	5209.2	6701.	0267	3842	16361.6	e604	17039.6	4968	22451.6	23318.6	24366.3	20364.5	27904.5	29287.5	3099H.7	32144.0	35n0a.9	38102.5	39692.2	40653.2	4.5294.4	45549.8	46630.2	46975.8	48370.5	486.74.1	49579.0	50192.6	52312.7		53871.3	54875.5	56990 4	59503.9	61186.9	6347.55
51.00 FELF MSL	PRESSURE MILLIBAKS	,	677.5	875.4	0.050	6446	841.8	796.5	700.0	015.0	5.454	549.4	C+U+1.	200.0		0	•	æ,		٥	•	0	c		ç	9	167.t	150.0	1.12.2	1.39.8	150.6	128.7	123.2	19.6	7.9	ş		95.2	85.9		70.0	9-29

			5
S[x] 10N	AL 11110L	STATION ALITIDE 4051.00 FEET MSL	
A MAY	οż	TOM 2500	
ASCENS10	ASCENSION 110. 57		

TE:IPERATURE AIR DEWPOINT DEGNEES CENTIGHAUE

PRESSURE GEOMETHIC ALTITUDE MILLIBARS MSL FELT

157.6 159.2 155.1 155.1 151.7 151.1 149.3 141.2

64910.3 66232.2 67088.6 67088.6 70835.6 73172.4 79025.9 834499.2 87837.6

58.4 52.6 52.6 52.6 53.0 54.0 12.0 12.0

KEL . IIUM. PLRCLIII

TABLE 25 Cont'd

~EUDLTIC COUNDINATES 33.16712 LAT UEG 106.49511 LON DEG

IGHT, I AMT LEVEL

The state of the s

Called Or Call	STALLON ALITUDE 8 MAY N2 ASERSION NO.	Ubr. *16	0925 MDT	1 .4St	J	U, PER ALL UNIA 12800-0037 JALEN TARLE 26	41.75		7 (G), [1]	4 (6), [10, COONDIANTS 53-10712, EAT 5E6 106-49511, LONDES
## ## ## ## ## ## ## ## ## ## ## ## ##	NE TRIC 1100 E - FEE I	PRESSURE		ERATURE DEWPOINT CENTIGRADE	REL.HUM. PERCENT	, ,	STEEL OF SOUND	AND CHAIL ON THE CARLES OF THE	JA Jeen Maots	114, 1 X OF OF REFERENCTION
66.55 10.55 -5.5 20.0 103.00	,	,	,	r	(-			; ,	5	
963.2 16.5 -5.4 20.0 1022.0 0.03.6 101.4 4.5 101.4 4.5 103.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10	0.1004	0.170	٠ . ا	0•,	0.05	7.7401	0.000	0.011	5.0	1.000278
989.2 15.3 7.5 100 100 100 101 4 5 6 6 6 6 6 6 6 6 6	3.000	0•630 0	C•0.	€ • ° •	22.0	1030.8	063.6	J - II - I	3.1	1.000250
May	0.0005	540.5	15.3	-6.5	22.0	1025.0	7.793	7.00.1	3.6	1.000245
MBR-3 19-1 -5-9 21-5 987-0 605-7 176-5 5-4 11 175-6 11-3 175-6 175-7 175-6 175-7 175-7 175-7 175-6 175-7	5500.6	833.1	16.5	÷.c.	21•₩	10001	ato.	101.4	J. #	1.000241
MONT 15.7 -6.4 21.2 967.0 662.1 176.7 6.7 MONT 15.7 -7.0 21.3 959.9 600.1 MONT 15.6 -7.0 21.3 959.9 600.1 MONT 15.6 -7.0 21.3 959.9 600.1 MONT 12.3 -9.4 22.9 97.1 MONT 12.3 -10.4 22.9 97.1 MONT 12.1 -9.4 23.9 97.1 MONT 12.1 -9.4 23.9 97.1 MONT 12.1 -9.4 23.9 97.1 MONT 12.1 -9.4 23.1 MONT 12.1 -9.4 23.1 MONT 12.1 -9.4 23.1 MONT 12.1 -9.4 23.1 MONT 12.1 -9.4	60000-0	816.3	10.1	6.5-	21.5	9AJ.7			3.0	1.000237
799.3 14.9 -7.0 21.3 955.0 to1.8 244.9 8.5 11.3 17.5 17.5 17.5 22.8 955.0 to1.8 244.9 11.3 11.3 17.5 17.5 17.8 22.8 955.0 to1.0 21.7 11.3 11.3 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5	0.0050	H03.7	15.7	4.6	21.2	967.0	-	1.251	6.7	1.000233
70.0 13.6 -7.8 21.8 93.9 000.3 212.2 110.3 112.3 14.12 112.3 14.3 14.2 112.3 14.3 14.2 112.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14	7000.0	769.3	14.9	-7.0	21.3	955.0		€. P(1.2	≎ •	1.000229
761.0 12.3 -8.5 52.4 997.1 550.0 510.2 11.1 14.3 17.3 17.4 14.2 14.4 2.5 14.4 2.5 17.4 14.3 17.5 17.4 14.2 14.4 17.5 14.4 17.5 14.4 17.5 14.4 17.5 14.4 17.5 14.4 17.5 14.4 17.5 14.4 17.5 14.5 17.6 17.6 17.6 17.6 17.6 17.6 17.6 17.6	1500.0	775.0	13.6	-7-8	21.8	639.9		616.5	10.3	1.0002.5
74.7.2 11.1 -9.5 25.0 914.0 55.4 11.2	0.0000	761.0	12.3	3•×-	4.2.7	927.1		0.1013	12.3	1.000221
73.7 9.8 -10.0 25.5 902.0 055.8 210.4 10.0 24.1 804.9 054.9 10.2 17.8 10.2 70.44 46.5 -10.0 24.1 804.9 62.0 62.0 17.8	გასს. ე	747.2	11.1	ς•ή-	23.0	914.0		411.4	14.3	1.000218
720.4 720.6 720.6 720.6 720.6 720.6 720.6 720.6 720.6 720.6 720.6 720.6	9.000%	733.7	9.8	-10.0	23.5	6.70%		5.013	16.2	1.000214
707.4 7.2 -11.0 24.7 865.2 051.2 cctt. 19.0 19.7 10.0 19.4 4.5 12.7 25.7 865.2 049.5 cctt. 19.0 19.7 10.0	9500.9	720.4	લ•ઇ	-10.8	24.1	88.7.0		2.642	17.8	1.000211
694.4 5.9 -12.7 25.7 865.5 cc. 10 19.7 1 1 6 12.7 27.4 85.5 cc. 1 5.0 cc. 1	0.0000	701.4	7.5	-11.0	24.7	871.1		7.1.27	19.0	1.000208
681.4 4.5 -12.7 27.4 H55.9 649.5	0.0050	11.469	5•9	-15.	25.7	865.0		0.452	19.7	1.000204
600.7 3.1 13.2 29.1 642.5 647.9 c.c 20.1 650.1 1.6 13.7 34.8 819.9 640.2 20.0 650.1 1.6 13.7 34.8 819.9 640.2 20.0 650.0 -2.6 -15.6 35.8 707.9 041.1 20.0 620.0 -2.6 -15.6 35.8 707.9 041.1 20.0 620.0 -2.6 -15.6 35.8 707.9 041.1 20.0 600.3 -11.1 -16.9 41.4 707.9 041.1 20.0 500.0 -2.6 -15.9 41.4 707.9 041.1 20.0 500.0 -2.6 41.4 707.7 041.1 20.0 20.0 500.0 -2.6 41.4 70.1 03.0 20.0 20.0 500.0 -2.6 41.4 70.1 03.0 20.0 20.0 500.0 -2.6 40.0	1000.0	9•18g	4+5	-12.1	27.4	H53.4		2.02.	20.1	1.000202
650-1 1-6 -13.7 30.8 830.0 040.2 200.0 20.8 10 640.3 -2 -1413 32.5 81910 040.2 20.00 20.8 10 640.3 -2 -15.0 34.2 10.0 140.2 20.00 20.8 11 620.0 -2.0 -15.0 15.0 34.2 10.0 040.2 20.00 20.00 20.00 -2.0 -15.0 15.0 141.4 775.7 041.1 20.00 20.0 20.0 100.3 -4.1 -16.2 38.1 775.7 037.7 20.0 22.0 10.0 22.0 10.0 22.0 10.0 20.0 -2.0 -16.0 44.8 775.7 037.7 20.0 22.0 10.0 22.0	1500.0	660.7	3.1	-13.2	29.1	442.3		10000	20-1	1.00199
645.9 -2 -14.3 52.5 M19.5 644.5 5.55.0 E0.8 651.6 651.	20007	650•1	1•6	-13.7	30.8	830.0		3.117.7	20.3	1.000196
620.0 -1.2 -1.5 55.8 707.5 620.0 20.0 21.3 21.3 21.3 21.3 21.3 21.3 21.3 22.0	5200.0	6.00	~	-14.3	32.5	812.5	0.4440	0.66	20.8	1.000193
02000	30000	631.8	-1.2	-15.0	ر. د	#00P		#*Of >	21.3	1.000190
0000.3	3500.0	0.029	-2.6	-15.6	35.8	707.5		0.1.2	0.55	1.000107
590.5 -5.5 41.4 775.7 637.7 23.0 23.0 590.5 -5.5 -16.9 44.8 764.9 635.9 23.3 1 502.6 -7.0 -17.4 48.6 754.5 635.4 200.6 23.5 1 502.6 -9.9 -18.0 51.6 70.0 632.4 200.7 23.6 1 502.6 -9.9 -11.1 -23.6 04.6 70.0 630.9 200.7 23.6 1 50.0 -11.1 -31.1 17.3 70.0 27.9 27.	J.000:+	\$ • 00 o	T : 1, -	-i6.2	58.1	780.0		0.603	55.5	1.000164
550.7 -6.5 -6.5 -6.5 -6.5 -6.5 -6.5 -6.5 -6.5	0.000+	0.06c		-16.5	7.17	175.1		7.7.7	23.0	1.000182
562.6 -8.5 -17.4 48.7 734.5 554.1 255.0 1 73.2 1 73.2 1 73.2 1 73.5 710.4 530.7 25.4 250.7 733.2 1 73.5 710.4 530.7 25.4 25.4 25.6 1 73.4 530.7 25.4 21.9 1 73.5 710.4 530.7 25.4 21.9 1 73.5 710.4 530.7 24.7 25.4 710.7 25.4 25.0 697.0 627.9 27.4 25.0 25.4 25.0 65.4 65.4 65.4 67.0 27.4 27.5 20.9 1 21.6 499.5 710.3 -33.4 25.6 655.4 65.4 65.4 67.0 27.4 27.5 25.1 1 77.2 -35.4 25.6 65.4 65.4 65.4 67.0 27.4 27.4 27.4 27.4 27.4 27.4 27.4 27.4	5000	D • C 8.7	C • .	6.9[-	U • 11 11	6.59/		3.65	< 3.3	1.000179
551.7 11.1 -13.6 51.0 743.0 052.4 250.7 73.2 711.1 -23.6 54.6 75.0 050.9 27.1.9 27.1 73.1 13.5 713.0 050.9 27.1.9 27.1 73.1 13.5 713.0 050.9 27.1.9 27.1 13.5 713.0 050.9 27.1 73.1 13.5 -31.1 21.0 067.0 067.9 27.0 27.1 21.0 27.1 21.0 067.0 067.9 27.1 21.0 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1	3.0000	7.07.0	.α• .α•	h•/1-		0.00		×007	<3.6	1.000176
551.7 11.1 -23.6 54.6 73.0 catca 52.0 51.0 54.0 54.0 catca 52.0 54.0 11.1 -31.1 17.5 710.0 catca catca 52.0 540.0 11.1 -31.1 10.3 710.0 catca catca 51.9 11.1 51.0 77.1 catca catca 51.0 11.1 51.0 catca 51.1 11.1 51.0 catca 51.0 catc	0.0000	9.290	6.6-	-1×0	91.6	0.01		1.62	23.5	1.000174
533.7 11.1 13.3 7.13.8 0.30.7 2.3.9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0000	751.	-11-1	-23.6	ۍ خور د	136.0		5.74.7	2.2. to	1.000108
550-5	1000.0	3.040	-11-1	-51.1	1/• >	D•01/		J • (' * ')	6.13	1.000103
519-7 13-5 -51-1 21-0 097-0 027-9 (4.1.2.2.2) 509-4 110-7 -51-2 25-1 080-5 occup (150-1 20-9 1) 499-5 110-0 -51-2 25-0 055-4 (20-4 20-9 20-9 1) 489-1 17-2 -52-2 25-0 055-4 (20-4 20-9 20-9 1) 489-1 17-2 -52-2 25-0 055-4 (20-4 20-9 20-9 20-9 1) 479-5 110-3 -53-8 25-6 055-4 (20-6 20-9 20-9 20-9 20-9 20-9 1) 450-0 -70-7 -54-0 27-3 054-0 017-0 (20-6 20-9 1) 450-0 -70-9 -51-9 -55-9 054-0 017-0 (20-6 20-9 1) 450-0 -70-9 -52-0 017-0 (20-6 20-9 1) 450-0 -70-9 -52-0 017-0 (20-6 20-9 1) 450-0 -70-9 -52-0 017-0 (20-6 20-9 1) 450-0 -70-9 -52-0 017-0 (20-6 20-9 1) 450-0 -70-9 -70-9 017-0 (20-6 20-9 1) 450-0 -70-9 -70-9 017-0 (20-6 20-9 1) 450-0 -70-9 -70-9 017-0 (20-6 20-9 1) 450-0 -70-9 -70-9 017-0 (20-6 20-9 1) 450-0 -70-9 -70-9 017-0 (20-6 20-9 1) 450-0 -70-9 017-0 (20-6 20-9 20-9 1) 450-	0.000	3.050	-12.2	-31-1	. • 21	/ 0 / 0 /	_	3.5.4.7	<1·1	1.001100
\$9944	20000	519.7	-13.5	-31.1	21.0	0.760	_	J • , +, '	6.05	1.000158
499-5	9500.0	703·d	-14.7	-51.5	23.1	3.08.		0.4613	50.9	1.00155
#89-1 -17-2 -52-2 25-6 665-45.45.45.1 1 #79-2 -10-3 -53-9 26-2 655-55.9 27-5 1 #09-5 -19-5 -53-8 26-8 644-75.9 27-1 25-5 1 #000 -19-5 -54-6 27-3 634-9 0.13-15.2 1 #500 -721-9 -53-4 27-3 634-9 0.13-15.2 1 #51-5 -721-9 -55-2 28-5 0.13-15.2 25-0 1 #41-5 -72-9 -56-2 28-5 0.13-25.0 11 #22-6 -721-1 -57-28-6 0.10-25.0 11 #23-6 -721-1 -57-25-6 0.10-25-6 33-0 11 #23-6 -721-1 -57-25-6 0.10-25-6 33-0 11	0.0000	49.7.3	16.0	-51.4	25.0	6,70.		7.114	9-12	1.000153
479-2 10-3 -53-0 26-2 655-6 0.02-9 27-3 19-5 27-3 19-5 27-4	9500.0	487.1	-17.2	-35.2	55. 6	4.099		J	62.1	1.00001
469+5 -19+5 -53+8 26+8 644+7 (20+5) (34-1)	0.0000	473.2	2.01-	-33.0	26.3	6550		D • 1 • 1	22.3	1.000148
460+0 -54+6 -7+3 634+5 614+1 63/41 25.2 1 450+6 -51+9 -55+4 27+9 624+0 01/40 10/40 20/40 25.0 1 441-5 -75+0 -36+2 28+5 614+0 610+2 11+7 28:4 1 432-6 -79+1 -37+2 28+6 605-0 014+0 104-0 51+1 1 42-6 -75+0 -41+0 21+0 58-0 1 61+0 21+0 51+0 53+0 1	0.0060	409.5	2.61	-33.8	26.8	1.44.7		9.14.	3.52	1.000140
450*6 *21*9 -35*4 27*9 624*0 01/*0 10*4.0 10*4.0 25*0 1 441*5 *25*0 *36*2 28*5 614*0 610*2 7*1*7 28*4 1 432*5 *20*1 *37*2 *8*6 605*0 *31*8 *3**0 1 420*6 *20*6 *35*0 *3**0 *3**0 *3**0 414*3 *25*2 *41*0 *31*0 *3**0 *3**0	1:100.0	ر ۱۹۵۰ ن	1-00-	-34·P	27.3	634.0	-	1.0163	5.3.2	1.000143
441-5 75.0 -36.2 28.5 614.0 610.2 7.1.7 28.4 1 432-5 724-1 -37.2 28.6 605.0 014.8 704.0 31.1 1 423-6 -24.6 -30.3 23.9 1 35.0 1 414-3 -25.9 -41.6 71.0 56.7 61.0 55.0 1	1500.0	450.0	-21.9	4.056-	27.9	054.0	-	3.46	25.0	1.000141
432-5 724-1 -37-2 28-6 005-0 034-8 27-0 51-1 1 425-6 -24-6 -30-3 23-9 575-0 034-2 24-6 35-0 1 425-6 414-8 755-9 -41-0 71-0 51-0 55-0 1	6.0002	441.5	1250	-36.5	∠B•5	614.0	2.010	1.1.7	213.4	1.000139
420*to -24*6 -39*3 23*9 575*0 014*2 247*0 33*0 1 414*3 -25*2 -41*6 21*0 582*7 010*5 24** 33*0 1	<5000.3	436.5	1-54-1	-37.2	.β•6	0.000		0 • 4	51.1	1.000136
914+3 725+2 -41+0 21+0 582+7 615+5 62+4 35+0 1	3000.4	450.0	9.4	-30.3	23.9	0.000		0.74.3	53.0	1.000133
	5500.3	6 -71	-55.5	0 • [+ -	0.17	1.0361	-	7.1.4.7	5.5 . 0	1.000131

OCOULTIC COURDINATES	33.10712 LAT DEG	106.49511 LON DEG
UI-PER AIR DAIA 128003037	JALLEN	TABLE 26 Cont.d
SIATION ALITTUDE 40%1.00 First MSL		ASCENSION 110. 37

≼ವವ	FEMPERATURE AIR DEWPOINT EGREES CENTIGRADE	REL.HUM. PERCENT	DENSITY ON/CUBIC METER	SPLED OF SOUND KNOTS	"INO DAFA DIRECTION S DEGREES(IN) N	SPEEU NAUIS	INCEX OF REFRACTION
	T.11.7	21.0.	572.4	012.0	245.42	33.5	1.000128
	4.54-	21.2	562.5		¿.0.7	34.4	1.000120
	-43.1	22.0	553.3	•	7+0+7	35.4	1.000124
	-4 3.B	22.7	544.4		7+1-0	36.5	1.0001/2
	9.27	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	535.0		J. 7. 4.7	36.8	1.000120
	サーク・サー	24.5	527.0	_	/•/ 5.7	30.0	1.000118
	7.94-	25.0	518.5		4./+2	35.4	1.000110
	-47.2	25.0	0.010		740.0	6.40	1.000114
	-48.3	6.47	C•10C		24042	33.7	1.000112
	-49.1	54.6	7.264		543.4	52.3	1.000110
	6.64-	24.5	483.1		243.6	31.8	
	-51.8	21.0**	7.424		た・242	31.4	1.000100
	-554 <u>-</u>	•	465.0	590.7	6.43.5	32.0	1.000104
	-01·9	7.0**	457.1		0.047	53.9	1.000102
			2.044	-	D • 75 7	34.1	1.00100
			441.0	-	7.4.4.2	34.4	1.000098
			するので		240.0	54.3	1.000097
			Λ·0.2±		**O*/2	34.2	1.000095
			416.5	4.08G	0.042	34.0	1.000093
			C • 7 7 •			2000	7600001
			397.	3.000	7.00.7	3	1 - 0.0000
			3000	_	0.07	9.55	1.000087
			383.4		0.47.5	53.9	1.000085
			370.5		2.0.5	34.1	1.000084
			369.0		7.67.7	34.9	1.000062
			363.6	575.5	743.	35.7	1.00001
) out.		C+C+Z	36.7	1.00007
			550.4		242.0	37.6	1.000078
			340.0		7.0.7	39.4	1.0000.1
			330.9		ひ・つ ナン・	41.1	1.000075
			330.3	•	つ・ます。	45.9	1.000074
			323.1	5.703	3.553	44.6	1.000072
			317.1	1.000	ウ・ウナブ	40.8	1.00001
			309.0	560.0	3.00	1,7.7	1.00000
			302.3	565.0	44.41	0.64	1.00006.7
			6.402	565.6	2.04.2	50.3	1.000000
			287.€	505.6	4.04.7	51.1	1.000004
			290.0	5000	70/67	50.to	1.000063
			274.1	2000-7	C=/=>	50.1	1.000001

** AT LEAST ONE ASSUMED RELATIVE HUGIETTY VALUE "AS USED AT THE TREENPORATIONS

STALLON ALTITUDE 8 MAY 32 ASCENSION 130.	^υ υυ. " 57	USI. NU FLET MSL 0925 MDT	1 4	UPER AIN DATA 1780050057 JALLEN TABLE 26 CONT'D	Cont'd		71 Out 110 33.10 105.49	0c11c COONDINATES 33.10712 CAT 0EG 185.49511 LOH DEG
GEORETRIC ALITTUL MSL FELT	PRESSURL MILLIONRS	TEMPERATURE AIR DEWPOINT DEGREES CENTIGRAGE	REL.HIM. PERCENT	UE,ISTT UMZCUBIC METER	SPEED OF SOUND NACTS	HIRCLION S DEGREES (1N) N	12 SPEED AHOTS	ITILE A UP REFRAUTION
0.00044	101.9	-62.5 -62.6		267.7	562.5	0.027	50.4	1.000060
45000.0	154.1	-62.8		255.2	505.0	0.012	9.00	1.000057
46000.0	140.7	-63.5		243.0		0.47.5	51.1	1.000030
47000.0	145.1	1.49-		236.5	5.000	0 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	51.0	1.000053
47500.0	130-3	-61.3		224.0		D • C • Z	8.07	1.00000
43500-0	100.00	2.091		217.5	568.5	2 · 0 · 7	> 0 D 0	1.000048
0.00064	120.7	-58.5		202.0	570.B	7.707	5.64	1.000040
49500.)	125.7	159.2		201.4	9.600	6.462	118.1	1.000045
ۥ000nc,	120.7	-58•B		190.5	5,70.3	750.0	16.8	1.0000044
0.00000	115.0	0.65		191./	1,073	2.742	45.2	1.000043
51500.0	112.2	£009_		183.7	200	5.707	7.5	7.000041
0.00020	109.6	-61.0		179.9		255.4	42.3	1.000040
0.5500 • 0	100.9	-61.3		175.0		1.002	8-24	1.000029
0.00000	101	-50.5		167.	0./00 4./47	0.00%	0.00	1.000038
0.00000	4.66	-61.4		1635	0.700	D. 4007	1 ()	1 - 000037
24500.3	0.76	-62-1		160.0	5,000 1,000	7.75	40.7	1.000036
55000.0	9.46	-62.3		150.4	•	5·05.7	39.0	1.000035
0.000cc	1.26	-61.2		151.6		η•ης>	35.3	1.000054
26200.0	3 · 38	-59.1		143.5	ນຄອນ ນາວາດ ນາວາດ	7.002	20.5 20.5	1.000055
0.000/5	85.49	-58.0		139.0		C.162	19.5	1.00001
ດ•00ດ/ດ ດ•00ດ/ດ	ສ•າສ ສ•າສ	158.9		130.5		2,72.0	12.4	1.000050
0.00000	2.70 2.70	5.47.0 5.40.0		133.0	D•KGC	7 • 6 • 7	3 00	1.000030
0.00064	71.9	7-11-7		1205		4.052) 4) 4	1 - 0.000 C
19500.2	76.0	-62.6		125.0		0.67.7	7.0	1.000023
0.0000	74.2	-62.5		122.1		212.0	10.7	1.000027
0.0000	17.54	-62.2		119.0	pend;	71017	14.3	1.000067
01000.0	9.07	162.0		110.0 110.0		<10.0	17.7	1.00000
0.00010	000	9-19-		113.0	• • •	7.662	۲.1.	1.000025
0.000.0	70.00	-61.60 -61.44		100.0	30000	0.012	2.50	1 - 000025
0.3000.0	54.1	10 · C41		1000			1	* 20110.1
0.3500.0	64.5	0-19-		102.1	-	6.36.3	20.5	1.000023

51.0DETIC COGNUTHALES 53.10.712 LAT DEG 106.49511 LON DEG		INJEX	ż	KEFKACT10N	1.00002	1.000022	1.000021	1.000020	1.000020	1.000019	1.000019	1.000018	1.000018	1.000018	1.00001	1.000017	1.000010	1.000016	1.000010	1.00015	1.000015	1.000014	1.000014	1.000014	1.000013	1.000013	1.000013	1.000012	1.000012	1.000012	1.000012	1.0001	1.0000.	1.0000.1		1.000010	010000	0100001	0100001	6000000	600000-1	5000001	1.000008	
53.1 106.4		۲.	JULEU	21011	17.5	13.0	6.7	7.2	8.2	1.6	10.3	11.2	10.5	v.5	8.7	გ. ი	3·8	8.5	o•8	7.5	، د د	5.5	3. 3	3.3	2.5	1.7	٠	1.0	9*!	1.1	0.7	9.5			12.1	10.01	3	6-01	10.7		7.11	7 - 7 - 7	11.7	
		KIND DAIN	OJKEC I JUN	1,EGKEE5(114)	4.862	432.1	7.0.7	4.01.7	190.0	7.06T	191.5	171.5	V•∴ .	**/ (, 1	5.2°2	<10.0	· ・ ハ フ ・	555.5	0.127	<13.5	4.0.2	7.777	K+1,12	7.042	7.02.	C.002	320.5	a• 7 c	7.75	7.017	1./17	F-077	2007	3.70	0.047	4.002	7,1,1	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3000	7	7.07.	20.7	7.707	
41 V	ont'd	Spirku of	CNOOS	STOTA	0.690	570.0	571.8	571.0	270.5	571.5	2.4.7	574.9	0.4/0	5/4.1	573.7	573.3	574.0	274.5	572.0	574.4	570.0	5/1.6	579.2	579.8	6.67	6.673	0.980	500.1	1.055	ນ80•∠ ດີ	5.04C	C•00C	1 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.000	3.00c	561.6	4 4 1 8 3	1 4 6 6 6	2 4 6 7	0.100	1 - NaC	* 1000	5000	
UFER AIR WITA 12800-00-7 JALLEN	TABLE 26 Cont'd		6M/CURIC	M _{i,} TER	1.66	7.06	0 • 56	0.76	4.06	37.0	34.6	84.5	7.00	V.0'	77.5	4.07	2007	76.1	70.4	60.3	\$0.4	0.4°	7.79	0.19	39.6	50.	7.00 20.00	3.00 m	0.4°C	⊃•? 	0 • 1 C	0.00	****	47.4	2	できま	4.5.2) ;	0.7		3 : 3 : 4 : 7		30.0	
ə	—		PERCENT															٠																										
7 MSL		1EFIPERATURE		CENTIGRADE														•																										
051.ru FELT MSL 0925 MDT) Ear	۷ ۱ ن	OEGREES	8.6 €-	9.85-	-57.7	-58.3	-58.9	6.73	0.0	-55.	155.7	-24.0	-50°.	-56.5	-56.9	7.15	0.7%-	-55.8	9.1.4	-55.	152.1	-51.7	-51.6	-51.6	-51.5	2.14.	7 : T : 1	-21.	51.1	21.	1 C = 1	-6101	6.03-	-50.7	-50.5	1 2 1	1-00-		6.64		-11.50	
37		PRESJUILE		11LLIONPS	61.0	59.0	50.1	ವ• ು	50.4	54.1	25.0	51.6	200	7.64	5 5 5	6•a	3 · C · C · C · C · C · C · C · C · C ·	- t		44.0	41.0) i	7.55	30.00	3/•9	37.6	30.2	100	7.) • • • • • • • • • • • • • • • • • • •	35.5	7.05	30.0	22.5	20.7	50.00	27.0	X	,	200	0.00	5.4.5	
STATION ALITIULE B MAY 62 ASCLESION AG.		GE U.AETKIC		MSL FEET	0.000+0	0.005*0	0.00039	0.00cc0	0.00090	0.00000	0.00010	0.000.0	0.00080	3.0000	0.00060	0.00060	0.00007	0.00007	3.0001	(1200-1)	C.0002/	100c2/	/3000-	0.00557	0.0004/	0.0054/	0.00047	6.00cc/	0.00007	0.000v	7,000	0.0000	2.0000	0006/	79500.0	000000	P.00500	0.1000.0	0.1500.	00000	0.00.75	0.000000	0.5500.0	

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TEMP AIK DEGREES		15.5	15.6	11.3	6.5	σ.	-5.1	-11.1	-15.9	-21.9	-26.5	-34.2	-40.3	-50.0	9.09-	-62.2	-63.0	-58·Ģ	-61.2	-60.7	-61.9	-59.0	-55.8	-54.5	-51.1	3-64-	-45.R	7.77-
OPOTENTIAL FELT		4930.	6624.	6405.	10278.	12252.	14340.	16556.	18939.	21514.	24329.	27440.	50939.	34935.	39000.	42310.	45431.	49145.	53709.	58273.	609A1.	64125.	67905.	72564.	78095.	8259B.	67431.	93736.
PRESSUKE GE MALLIHAKS		0.168	9000 B	0.047	0.007	650·n	0.009	550.0	200.00	0.05p	0.004	350.0	300.0	0.065	200.00	175.0	156.0	125.0	100.0	0.08	0.97	0.00	0.03	U•0*	30.0	55.0	50·U	0.4
	NTIAL TEMPERATURE REL'HUM: "LIND LAI AIR DEMPOIGH PERCENI UINCLIION DEGREES CENTIGRADE	GEOPOTENTIAL TEMPERATURE RELIMUM. LAI AIR DEMPOTAL PERCENT UINCLIAUN FELT DEGREES CENTIGRADE LEGALLSTIN)	GEOPOTENTIAL TEMPERATURE REL.HUM. "INU LATAIN DESPOINT PERCENT UINCLINGN FELT DEGREES CENTIGRADE DEGREES (NO 4930. 15.5 ~6.1 22. 147.0	GEOPOTENTIAL TEMPERATURE REL.HUM. "INU LAI AIR DEMPOTMI PERCENI UINCLISON FELT DEGREES CENTIORAUL (DEGREESTIN) 0 4930. 15.5 -6.1 22. 147.0 5 0 6624. 15.6 -6.0 21. 190.4 7	GEOPOTENTIAL TEMPERATURE REL.HUM. "INU LAI AIR DE.FPOII PERCENI UINCLION PELT DEGREES CENTIORAUL EGN.L.S(IN) 0 4930. 15.5 -6.1 22. 147.0 3 0 6624. 15.6 -6.0 21. 190.4 7 0 6405. 11.3 -9.1 23. 217.2 14	GEOPOTENTIAL TEMPERATURE RELHUM. AIR DEMPOT. II PERCENT UTLLTION 0 4930. 15.5 -6.1 22. 147.0 3 0 6524. 15.6 -6.0 21. 190.4 7 0 6405. 11.3 -9.1 25. 217.2 14 0 6405. 11.3 -9.1 25. 222.0 19	GEOPOTENTIAL TEMPERATURE RELHUM. AIR DEMPOTATION UNALLIAM AIR DEMPOTATION UNALLIAM JEGREES LENTIORAGE JE	GEOPOTENTIAL TEMPERATURE RELHUM. AIR DEMPOTI PERCENT UILLCTION 0 493b. 15.5 -6.1 22. 147.0 3 0 493b. 15.5 -6.1 22. 147.0 3 0 6624. 15.6 -6.0 21. 190.4 7 0 10278. 6.5 -12.1 23. 217.2 14 0 10278. 6.5 -12.1 20. 222.0 19 0 12252. .9 -14.0 32. 232.0 20 0 14340. -5.1 -16.4 40. 239.9 22	GEOPOTENTIAL TEMPERATURE RELHUM. 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"Inu LAI AIR DEMPOINT PERCENT "UNLLTION 0 4930. 15.5 —6.1 22. 147.0 3 0 6624. 15.6 —6.1 22. 147.0 3 0 6624. 15.6 —6.1 22. 14 0 0 10278. 6.5 —12.1 23. 21/2 14 0 10278. 6.5 —12.1 23. 22.0 22. 20 0 14340. —5.1 —14.0 32. 22.0 22.0 20 22.0 20 22.0 20 22.0 20 22.0 22 20 22.0 22 22 22 240.0 32 24 32 24 32 24 32 24 32 24 32 32 24 32 32 32 32 32 32 32 32 32 32</th> <th>GEOPOTENTIAL TEMPERATURE RELHUM AIR DEMPOTAL AIR DEMPOTAL PERCENI UINCLION 0 4930- 15.5 -6.1 22- 147.0 Jennetion 0 4930- 15.5 -6.1 22- 147.0 Jennetion 0 6405- 11.3 -9.1 22- 147.0 Jennetion 0 10278- 6.5 -12.1 21- 190.4 Jennetion Jennetion 0 10278- 6.5 -12.1 21- 22- 190.4 Jennetion Jennetion</th> <th>GEOPOTENTIAL TEMPERATURE RELHUM AIR DEMPOTAL AIR DEMPOTAL PERCENT UINCLION BELT DEGREES CENTIORAL LEGNELSTIN 0 4930- 15.5 -6.1 22- 147.0 Jegnel 0 6405- 11.3 -9.1 22- 147.0 Jegnel Jegnel</th> <th>GEOPOTENTIAL TEMPERATURE RELHUM ILMULTION AIR DEMPOINT PERCENT UINCLION PELT DEGREES CENTIORAL LIGGREES LENTIORAL JUNCLION 0 4930- 15.5 -6.1 22. 147.0 Junch 0 10278- 15.5 -6.0 21. 190.4 Image: Control of the control o</th> <th>GEOPOTENTIAL TEMPERATURE RELHUM ILLUTION AIR DEMPOINT PERCENT UINCLION PELT DEGREES LENTIORAL LINCLION UINCLION 0 4930. 15.5 -6.1 22. 147.0 Jennether Single 0 4930. 15.5 -6.0 21. 190.4 Incomplex Single Jennether S</th> <th>GEOPOTENTIAL TEMPERATURE REL.HUM. 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** AI LEAST ONE ASSUMED RELATIVE HUGINITY VALUE "AS USED IN THE INTERPOLATION.

